



# PRESIDENCY UNIVERSITY

(Private University Estd. in Karnataka State by Act No. 41 of 2013)

## PU-SoE-CSE 2019-20

Ref. No. PU/ SoE/ CSE /2019-20/VAC/CIR/01

25-06-2019

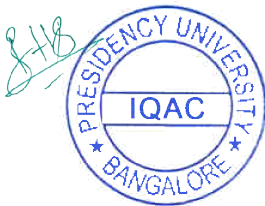
### CIRCULAR

#### **Sub: VALUE ADDED COURSES – OFFERED BY THE DEPT. OF CSE**

This is to inform all the students of second years of B. Tech (CSE), the following value-added courses(30hrs) will be offered by the department during the AY 2019-20 (Odd Semester):

Sl.no	Course Code	Course Title	Faculty Name
1	VACCSE05	Wireless Network Security	Ms. Pallavi M
2	VACCSE06	Web Programming with python and Django	Ms. SHIMIL SHIJO
3	VACCSE07	Cloud Infrastructure and Services	Ms. KOKILA S
4	VACCSE08	Introduction to Data, Image and Video Compression	Ms. Bhavana A
5	VACCSE12	Data Visualization using Tableau	Mr.James Mathew P
6	VACCSE15	Hands-On Experience for Webpage Development using Codepen/Replit Tools	Mr.Murthy D H R
7	VACCSE21	Design Thinking for Innovation	Ms. Napa Lakshmi

Students allotment against each course is attached. All are informed to contact the respective course ICs of VAC for more details. All the students are encouraged to attend VAC as per the course instructor's schedule. A certificate will be awarded after successful completion of the course.



K.G.MOHAN

HOD-CSE

1. List of Encl:
2. List of Students Allotment Value Added Course wise

**City Office: University House, 8/1, King Street, Richmond Town, Bengaluru - 560025**

**Campus: Presidency University, Itgalpura, Rajanukunte, Bengaluru - 560064**

**Phone: + 80 4925 5533 / 5599 Email ID: [info@presidencyuniversity.in](mailto:info@presidencyuniversity.in)**

[www.presidencyuniversity.in](http://www.presidencyuniversity.in)





# **PRESIDENCY UNIVERSITY**

(Private University Estd. in Karnataka State by Act No. 41 of 2013)

## **PU-SoE-CSE 2019-20**

Ref. No. PU/ SoE/ CSE /2019-20/VAC/CIR/02

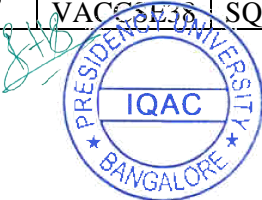
25-02-2020

### **CIRCULAR**

#### **Sub: VALUE ADDED COURSES – OFFERED BY THE DEPT. OF CSE**

This is to inform all the students of third year and fourth year of B. Tech (CSE), the following value-added courses(30hrs) will be offered by the department during the AY 2019-20 (Even Semester):

Sl.no	Course Code	Course Title	Name of the Faculty
1	VACCSE22	Digital Forensic and Cyber Crime	Ms. Shaleen Bhatnagar
2	VACCSE23	Introduction to Bioinformatics	Ms.Vinitha Dominic
3	VACCSE24	Introduction to UI/UX Designing	Ms.Divya
4	VACCSE25	Java Design Pattern	Ms. Sudha Y
5	VACCSE28	Introduction to ExpressJS	Mr. Rama krishna K
6	VACCSE29	Basics- Robotic Process Automation (UiPath)	Dr. Rudresh Deepak Shirwaikar
7	VACCSE30	Introduction to c# programming	Mr.Jobin Thomas
8	VACCSE31	Data Warehousing and Data Mining	Dr.Nagaraja S R
9	VACCSE32	DART PROGRAMMING	Ms. Mitali Halder
10	VACCSE33	Construction Scheduling Using PERT/CPM	Mr.Nasurudeen Ahamed . N
11	VACCSE35	Introduction to MongoDB	Mr.D Pramodh Krishna
12	VACCSE37	ADVANCED NATURAL LANGUAGE PROCESSING	Ms.Seena Elizebeth Mathew
13	VACCSE38	Database Programming through SQL&PL-SQL with SQLdeveloper(	Mr. Satyam Anand



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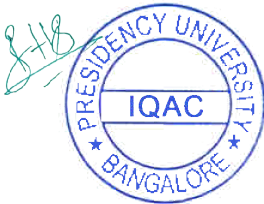
(Private University Estd. in Karnataka State by Act No. 41 of 2013)

Students allotment against each course is attached. All are informed to contact the respective course ICs of VAC for more details. All the students are encouraged to attend VAC as per the course instructor's schedule. A certificate will be awarded after successful completion of the course.

K.G.Mohan

**HOD-CSE**

1. List of Encl:
2. List of Students Allotment Value Added Course wise



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REGISTRAR





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Cryptography

**Name of the Faculty Member/Members:** Ms. Pallavi M

**Title of the Value Added Course:** Wireless Network Security

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE05

**Introduction to the Course:** This course introduces basic Initial Authentication Schemes and handover authentication schemes for Wireless Networks which contain both Wi-Fi and Cellular networks. This course requires prior knowledge of cryptography. In this course, I will discuss challenging issues in Next Generation Wireless Systems (NGWS) to provide secure and seamless Handover authentication during the mobility between similar or different types of technologies (3GPP and non-3GPP) such as 5G (Fifth Generation) and Wireless Fidelity (Wi-Fi).

**Course Outcomes: On successful completion of the course the students shall be able to :**

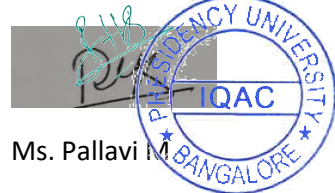
**01** Understand basic cryptography concept

**02** Explore the wireless network architecture

**03** Understand the initial and handover authentication techniques for wireless networks

**Course Content: [Briefly mention all the important topics to be covered in this course]**

Cryptographic Preliminaries, Introduction to Wireless Networks, Network Architecture of Wireless Networks, Formal and informal model of authentication techniques, Challenges in wireless networks, initial and handover authentication WLANs, Initial and handover authentication scheme for 5G networks, Authentication Mechanism for 5G-WLAN networks, Handover Authentication Schemes for D2D Communication in 5G-WLAN Heterogeneous Wireless Networks

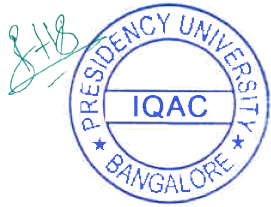


Ms. Pallavi M

**Name & Signature of the Faculty Member**

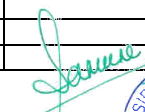

**Approval by the HOD.**





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**


Course Code :		VACCSE05		Academic Year :			2019-2020	
Course Name :		Wireless Network Security		Semester :			3rd	
				Instructor-in-Charge Name :			Ms. Pallavi M	
				Instructor-in-Charge Employee ID :			PUNIV01237	
S. No	UID No	Roll No	Name	School SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	201810102059	20181CCE0001	ADITHYA PRADEEP	SOE	100%	90	Y	
2	201810102063	20181CCE0005	AMBAVARAPU JEEVITESH REDDY	SOE	88%	81	Y	
3	201810102065	20181CCE0007	AMULYA G	SOE	88%	81	Y	
4	201810102066	20181CCE0008	ANKUPALLI HARIKRISHNA	SOE	90%	81	Y	
5	201810102067	20181CCE0009	ARBIN TAJ	SOE	90%	80	Y	
6	201810102068	20181CCE0010	ASHISH PREM N	SOE	99%	75	Y	
7	201810102069	20181CCE0012	BATHULA VIVEK	SOE	99%	76	Y	
8	201810102070	20181CCE0013	BHAVESH U	SOE	99%	75	Y	
9	201810102071	20181CCE0014	BHUVAN M P	SOE	80%	75	Y	
10	201810102075	20181CCE0018	CHARAN J	SOE	80%	80	Y	
11	201810102076	20181CCE0019	D M MONISHA	SOE	80%	90	Y	
12	201810102079	20181CCE0022	DAYYAM CHANDRAMOHAN REDDY	SOE	75%	45	N	
13	201810102080	20181CCE0023	DEEKSHITH G	SOE	80%	91	Y	
14	201810102081	20181CCE0024	DEEKSHITHA P	SOE	80%	91	Y	
15	201810102082	20181CCE0025	DEVAYUSH A	SOE	80%	90	Y	
16	201810102083	20181CCE0026	DHANUSH REDDY R	SOE	80%	90	Y	
17	201810102084	20181CCE0027	DILEEP D S	SOE	75%	45	N	
18	201810102088	20181CCE0031	HAMSAVANI N	SOE	100%	89	Y	
19	201810102089	20181CCE0032	HARISHKUMAR C	SOE	100%	82	Y	
20	201810102090	20181CCE0033	HARSHAVARDHAN S T	SOE	100%	83	Y	
21	201810102091	20181CCE0034	HUZAIF AHMED	SOE	86%	83	Y	
22	201810102092	20181CCE0035	J YASHAS CHAKRAVARTHY	SOE	86%	83	Y	
23	201810102093	20181CCE0037	KALIDINDI SAI NARMADHA	SOE	75%	45	N	
24	201810102097	20181CCE0041	KEERTHANA C	SOE	86%	80	Y	
25	201810102101	20181CCE0045	LAKANA K P	SOE	90%	80	Y	
26	201810102102	20181CCE0046	LALU PRASAD M	SOE	90%	80	Y	
27	201810102103	20181CCE0047	LIKITH KUMAR C R	SOE	90%	85	Y	
28	201810102104	20181CCE0048	MADHURA B S	SOE	90%	85	Y	
29	201810102105	20181CCE0049	MANIKANTA CHINTHAPALLI	SOE	90%	85	Y	
30	201810102107	20181CCE0051	MARIA SANDRA JACOB	SOE	95%	90	Y	
31	201810102108	20181CCE0052	MEGHANA D N	SOE	95%	92	Y	
32	201810102109	20181CCE0053	MEGHANA E	SOE	95%	86	Y	
33	201810102110	20181CCE0054	MOHAMMED IBRAHIM	SOE	95%	90	Y	
34	201810102111	20181CCE0055	MULLAPUDI BADRINATH SAI	SOE	95%	90	Y	
35	201810102112	20181CCE0056	NABARD BIJU SHARMA	SOE	95%	89	Y	
36	201810102113	20181CCE0057	NAGASAI RAKSHITH B S	SOE	100%	94	Y	
37	201810102115	20181CCE0059	NANABALA KIRAN KUMAR	SOE	100%	94	Y	
38	201810102116	20181CCE0060	NANDINI B M	SOE	92%	88	Y	
39	201810102117	20181CCE0061	NEHA A	SOE	90%	88	Y	
40	201810102118	20181CCE0062	NISCHIT K M	SOE	90%	88	Y	
41	201810102119	20181CCE0063	NOOR UL HASAN JAMAKHANDAR I	SOE	90%	75	Y	
42	201810102120	20181CCE0064	OMER FAROOQ	SOE	90%	77	Y	
43	201810102121	20181CCE0066	PANDHITI NAVEEN KUMAR	SOE	90%	77	Y	
44	201810102122	20181CCE0067	PARTHA SARATHY C L	SOE	90%	80	Y	
45	201810102124	20181CCE0069	PONNA AKASH	SOE	90%	80	Y	
46	201810102125	20181CCE0070	POOJA K	SOE	86%	86	Y	
47	201810102127	20181CCE0072	PRASANNA KUMAR R	SOE	91%	90	Y	
48	201810102128	20181CCE0073	PYDIMARRI ANJANI KUMAR	SOE	91%	90	Y	
49	201810102129	20181CCE0074	RAKSHITH M	SOE	92%	85	Y	
50	201810102130	20181CCE0075	RITIK JAISWAL	SOE	80%	75	Y	
51	201810102131	20181CCE0076	ROHITH S	SOE	80%	75	Y	
52	201810102132	20181CCE0077	RUCHITHA R	SOE	80%	78	Y	
53	201810102133	20181CCE0078	SAHANA V	SOE	80%	79	Y	
54	201810102134	20181CCE0079	SAI SUHAAS G S	SOE	80%	80	Y	
55	201810102136	20181CCE0081	SANGEETHA MARY B	SOE	80%	80	Y	
56	201810102137	20181CCE0082	SANJAY G	SOE	80%	83	Y	
57	201810102138	20181CCE0083	SHAIK LUQHMAN	SOE	85%	83	Y	
58	201810102140	20181CCE0085	SHRAVAN N R	SOE	85%	88	Y	
59	201810102143	20181CCE0088	SUJATA SHIVANAND GOTYAL	SOE	85%	89	Y	
60	201810102144	20181CCE0089	SUPRITHA C	SOE	85%	89	Y	
61	201810102145	20181CCE0090	SUPRIYA T S	SOE	85%	84	Y	
62	201810102146	20181CCE0091	SUUNDESH	SOE	85%	90	Y	
63	201810102147	20181CCE0092	SYED HAMZA	SOE	86%	90	Y	

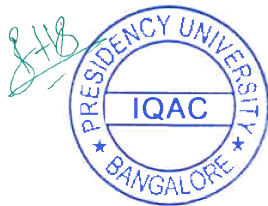
  
 REGISTRAR  


Course Code :		VACCSE05		Academic Year :			2019-2020	
Course Name :		Wireless Network Security		Semester :			3rd	
				Instructor-in-Charge Name :			Ms. Pallavi M	
				Instructor-in-Charge Employee ID :			PUNIV01237	
S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
64	201810102148	20181CCE0093	TALARI RAJENDRA KUMAR	SOE	86%	90	Y	
65	201810102149	20181CCE0094	THUPAKULA AFZAL MOHAMMED	SOE	86%	75	Y	
66	201810102150	20181CCE0095	VADDE RAJUKUMAR	SOE	80%	75	Y	
67	201810102153	20181CCE0098	VENNABOINA PRAVEEN	SOE	80%	76	Y	
68	201810102154	20181CCE0099	VISHWA A	SOE	80%	88	Y	
69	201810102155	20181CCE0100	VOGGU VENKATA CHENCHUSUDHA	SOE	80%	90	Y	
70	201810102157	20181CCE0102	VYSHNAVI S	SOE	80%	90	Y	
71	201810102158	20181CCE0103	YEDDULA VENKATA VAMSHI	SOE	80%	90	Y	
72	201810102159	20181CCE0104	YOGITA SINGH	SOE	86%	82	Y	
73	201810102161	20181CCE0106	GURU RAGHAVENDRA S K	SOE	86%	82	Y	
74	201810100182	20181CCE0107	DEEPAK T	SOE	86%	82	Y	

Name of Course Instructor 1: Ms. Pallavi M  
Employee ID of Course Instructor 1: PUNIV01237

  
HOD\_CSE

  
Signature of Instructor-in-Charge







# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Engineering

Name of the Department: Computer Science and Engineering

Area of Specialization: Web Technologies

Name of the Faculty Member: Ms. SHIMIL SHIJ

Title of the Value Added Course: Web Programming with python and Django

Course Duration: [ 30 hours]

Course Code: VACCSE06

Introduction to the Course:

The Django web development framework provides a fast, easy and secure method of developing rich websites using the Python programming language. This Django training course helps programmers learn to design, implement and manage web applications using Django.

Course Pre-requisites:

Python, Internet Programming ( Web Technologies)

Course Outcomes: On successful completion of the course the students shall be able to :

1. Develop full-stack web sites based on content stored in an RDMS
2. Use python data types appropriately
3. Create Django templates for easy-to-modify views
4. Understand the architecture of a Django-based web site

Course Content:

Introduction to Python, Sequences and File Operations, Deep Dive – Functions, Sorting, Errors and Exception, Regular Expressions and Packages, Object Oriented, Programming in Python, Debugging, Databases and Project Skeletons, Introduction to Django Web Framework, Templates and Forms

Ms. SHIMIL SHIJO

Name & Signature of the Faculty Member

Approval by the HOD.

REGISTRAR

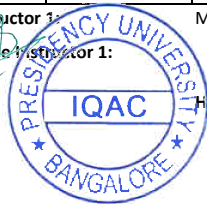


**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE06		Academic Year :			2019-2020	
Course Name :		Web Programming with python and Django		Semester :			3rd	
				Instructor-in-Charge Name :			Ms. SHIMIL SHIJO	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School SoE/Sol. etc	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	201810102164	20181ISE0001	A BHUVAN SAI REDDY	SOE	90%	81	Y	
2	201810102165	20181ISE0002	AARYAN AARYAN	SOE	90%	85	Y	
3	201810102168	20181ISE0004	AKASH B	SOE	90%	85	Y	
4	201810102169	20181ISE0005	AKASH BEHERA	SOE	90%	90	Y	
5	201810102170	20181ISE0006	AKSHAY PALANKAR	SOE	90%	90	Y	
6	201810102172	20181ISE0008	ANSUIYA SHARMA I	SOE	90%	94	Y	
7	201810102173	20181ISE0009	ANUSHA REDDY M	SOE	90%	92	Y	
8	201810102174	20181ISE0010	ARPIT R	SOE	92%	92	Y	
9	201810102175	20181ISE0011	ARUNA G	SOE	90%	91	Y	
10	201810102176	20181ISE0012	BALWANT KUMAR AGRI	SOE	90%	78	Y	
11	201810102179	20181ISE0015	C PAVAN KESAVA REDDY	SOE	95%	78	Y	
12	201810102180	20181ISE0016	C SUMANTH	SOE	80%	78	Y	
13	201810102181	20181ISE0017	CAROL SACHIN CHAVAN	SOE	80%	78	Y	
14	201810102182	20181ISE0018	CHANDANA S GOWDA	SOE	85%	70	Y	
15	201810102183	20181ISE0019	CHANDANA SINGH R V	SOE	84%	70	Y	
16	201810102184	20181ISE0020	CHARAN G R	SOE	82%	80	Y	
17	201810102185	20181ISE0021	CHARAN SAI PRAKASH T	SOE	82%	80	Y	
18	201810102186	20181ISE0022	DARSHAN B R	SOE	100%	94	Y	
19	201810102187	20181ISE0023	DEEPAK KUMAR N	SOE	100%	94	Y	
20	201810102188	20181ISE0024	DHANUSH N M	SOE	100%	88	Y	
21	201810102189	20181ISE0025	DHARANI TIMMANNA KOMAR	SOE	100%	88	Y	
22	201810102190	20181ISE0026	DILIP N	SOE	100%	89	Y	
23	201810102192	20181ISE0028	FAHIM ABDUL KHADAR	SOE	80%	75	Y	
24	201810102193	20181ISE0029	GAYATHRI GAYATHRI	SOE	80%	75	Y	
25	201810102194	20181ISE0030	GENUPULA SRAVANI	SOE	80%	75	Y	
26	201810102195	20181ISE0031	GNANESH U	SOE	80%	86	Y	
27	201810102196	20181ISE0032	GOWTHAM D B	SOE	80%	86	Y	
28	201810102197	20181ISE0033	JYOTHI S M	SOE	80%	86	Y	
29	201810102199	20181ISE0035	KARAN B B	SOE	96%	86	Y	
30	201810102200	20181ISE0036	KAUSHAL KUMAR	SOE	96%	80	Y	
31	201810102201	20181ISE0037	KAVYA S	SOE	96%	80	Y	
32	201810102202	20181ISE0038	KEERTHANA K	SOE	85%	80	Y	
33	201810102268	20181ISE0039	KEVIN SOLOMON S	SOE	85%	90	Y	
34	201810102205	20181ISE0041	KOUSHAL KOUSHAL	SOE	88%	85	Y	
35	201810102206	20181ISE0042	KUSUM RAMACHANDRA	SOE	88%	85	Y	
36	201810102207	20181ISE0043	LAKSHMI H V SHETTY	SOE	90%	87	Y	
37	201810102208	20181ISE0044	LAKSHMI M ACHAR	SOE	90%	82	Y	
38	201810102209	20181ISE0045	LAVANYA M	SOE	93%	82	Y	
39	201810102210	20181ISE0046	LAYANA K P	SOE	93%	82	Y	
40	201810102211	20181ISE0047	M SWAROOP	SOE	93%	80	Y	
41	201810102212	20181ISE0048	MADHUMITHA R	SOE	92%	90	Y	
42	201810102214	20181ISE0049	MINITHA J K	SOE	92%	90	Y	
43	201810102215	20181ISE0050	MOHAMED RAFAEEH IBRAHIM	SOE	75%	45	N	
44	201810102216	20181ISE0051	MOHAN KRISHNA G	SOE	75%	45	N	
45	201810102217	20181ISE0052	MONISH M ALUR	SOE	75%	45	N	
46	201810102218	20181ISE0053	NANDAN G N	SOE	80%	80	Y	
47	201810102219	20181ISE0054	NEHA G VAIDYA	SOE	80%	80	Y	

Name of Course Instructor 1: Ms. SHIMIL SHIJO

Employee ID of Course Instructor 1:



HOD\_CSE

Signature of Instructor-in-Charge

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# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Distributed computing

**Name of the Faculty Member/Members:** Ms. KOKILA S

**Title of the Value Added Course:** Cloud Infrastructure and Services

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE07

## **Introduction to the Course:**

This course educates participants on building cloud infrastructure based on cloud computing reference model. The reference model includes five fundamental layers (physical, virtual, control, orchestration, and service) and three cross-layer functions (business continuity, security, and service management) for building a cloud infrastructure. For each layer and function, this course covers the comprising technologies, components, processes, and mechanisms. This course takes an open-approach to describe concepts and technologies.

## **Course Outcomes: On successful completion of the course the students shall be able to :**

CO-1: Describe cloud computing, its deployment and service models

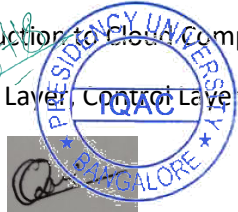
CO-2: Describe the reference model and key considerations to build a cloud infrastructure

CO-3: Build physical, virtual, control, orchestration, and service layers of a cloud infrastructure

## **Course Content: [Briefly mention all the important topics to be covered in this course]**

Introduction to Cloud Computing , Building the Cloud Infrastructure, Physical Layer

Virtual Layer, Control Layer, Service and Orchestration Layers



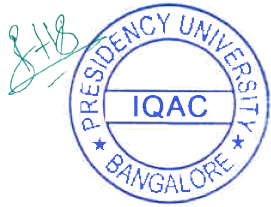
Ms. KOKILA S

**Name & Signature of the Faculty Member**

**Approval by the HOD.**

REGISTRAR





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE07		Academic Year :			2019-2020	
Course Name :		Cloud Infrastructure and Services		Semester :			3rd	
				Instructor-in-Charge Name :			Ms. KOKILA S	
				Instructor-in-Charge Employee ID :			PUNIV00936	
S. No	UID No	Roll No	Name	School SoE/Sol. etc	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	201810102220	20181ISE0055	NIKHIL PAWAR	SOE	95%	89	Y	
2	201810102269	20181ISE0056	P R MONISH PRASAD	SOE	95%	84	Y	
3	201810102222	20181ISE0057	PALLAVI N	SOE	95%	84	Y	
4	201810102223	20181ISE0058	PAVAN KUMAR C N	SOE	95%	84	Y	
5	201810102225	20181ISE0060	PRAGATHIPRIYA V	SOE	90%	91	Y	
6	201810102226	20181ISE0061	PRAJWAL V D	SOE	90%	91	Y	
7	201810102229	20181ISE0062	RAKSHA RAJA	SOE	90%	94	Y	
8	201810102230	20181ISE0063	RAKSHA ROSHNI	SOE	90%	90	Y	
9	201810102231	20181ISE0064	RAVEENA M	SOE	86%	90	Y	
10	201810102232	20181ISE0065	RUCHITHA C	SOE	80%	77	Y	
11	201810102236	20181ISE0068	SACHIN H	SOE	80%	76	Y	
12	201810102237	20181ISE0069	SAMRAT SHAMANTH M	SOE	80%	78	Y	
13	201810102239	20181ISE0071	SANJEETH SINGH	SOE	75%	45	N	
14	201810102240	20181ISE0072	SATYABODHA P DESHPANDE	SOE	80%	70	Y	
15	201810102241	20181ISE0073	SAYEEDA SHAISTA ILYAS	SOE	80%	70	Y	
16	201810102242	20181ISE0074	SHADRUTHI M NAIK	SOE	80%	70	Y	
17	201810102243	20181ISE0075	SHARATH KUMAR S	SOE	90%	70	Y	
18	201810102244	20181ISE0076	SHILPA RAJU	SOE	90%	82	Y	
19	201810102245	20181ISE0077	SHINY S MATHEW	SOE	90%	86	Y	
20	201810102248	20181ISE0079	SHREYA G	SOE	86%	85	Y	
21	201810102250	20181ISE0081	SINOJ S	SOE	75%	45	N	
22	201810102251	20181ISE0082	SMRUTHI N	SOE	87%	85	Y	
23	201810102252	20181ISE0083	SONIKA K NAIR	SOE	87%	85	Y	
24	201810102253	20181ISE0084	SONU SHREE A R	SOE	87%	90	Y	
25	201810102254	20181ISE0085	SUCHETHA SHETTY	SOE	87%	90	Y	
26	201810102256	20181ISE0086	SUMUKHA S	SOE	84%	88	Y	
27	201810102257	20181ISE0087	SURAJ P	SOE	86%	81	Y	
28	201810102258	20181ISE0088	SYED SHOIEB AHMED	SOE	86%	84	Y	
29	201810102260	20181ISE0090	TEJAS J	SOE	86%	84	Y	
30	201810102261	20181ISE0091	VAISHINI SHARON V	SOE	85%	84	Y	
31	201810102262	20181ISE0092	VASUDHA M	SOE	85%	80	Y	
32	201810102263	20181ISE0093	VINAY KUMAR N D	SOE	90%	90	Y	
33	201810102264	20181ISE0094	VISHWANATH YANKANCHI	SOE	90%	91	Y	
34	201810102265	20181ISE0095	Y SAI CHAND	SOE	90%	91	Y	
35	201810102204	20181ISE0096	KONERU JAYA AADITHYA	SOE	90%	92	Y	
36	201810102221	20181ISE0097	NIKITHA JOYCE	SOE	90%	92	Y	
37	201810102227	20181ISE0098	PRIYANSH SHUKLA S	SOE	85%	88	Y	
38	201810102247	20181ISE0099	SHREE M	SOE	85%	88	Y	
39	201810102213	20181ISE0100	MEGHANA S	SOE	85%	88	Y	
40	201810102234	20181ISE0102	S SUHAS	SOE	85%	78	Y	
41	201810102166	20181ISE0103	ABHISHEK S	SOE	85%	78	Y	
42	201810102255	20181ISE0104	SUHANA H	SOE	85%	80	Y	
43	201810102266	20181ISE0105	NIKHIL P	SOE	80%	80	Y	
44	201810102267	20181ISE0106	V VISMITHA	SOE	80%	86	Y	
45	201810100692	20181ISE0108	SIMRAN CHOURASIA A	SOE	80%	85	Y	
46	201810102318	20181ISE0109	MOHAMMED YOUSUF	SOE	80%	77	Y	

Name of Course Instructor 1: Ms. KOKILA S  
Employee ID of Course Instructor 1: PUNIV00936



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Signature of Instructor-in-Charge

*Jamee*  
REGISTRAR  
Presidency University Bangalore



# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Data Compression

**Name of the Faculty Member:** Ms. Bhavana A

**Title of the Value Added Course:** Introduction to Data, Image and Video Compression

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE08

## **Introduction to the Course:**

The purpose of the course is to provide the fundamental concepts of data compression and an exposure to Image and Video compression technique

The student should have completed basic courses upto 4th semester. Means students going to 5th semester and beyond can take this course.

Students may be given programming exercises based on the capability they demonstrate in class.

With a good knowledge in the fundamental concepts the students will be able face interviews by companies working in this domain.

## **Course Pre-requisites:**

**Basic CSE courses and Python. Intended for those who completed 4 th semester in CSE, ECE**

**Course Outcomes: On successful completion of the course the students shall be able to :**

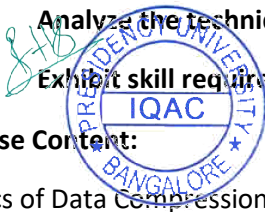
- 1. Apply data compression techniques to various types of data.**
- 2. Analyze the techniques used in the image and video coding standards.**
- 3. Exhibit skill required to manipulate image and video using programs.**

## **Course Content:**

Basics of Data Compression (Comprehension):

Mathematical basics, Information theory basics, Huffman, Run length, Arithmetic and LZW coding

Image Representation and compression (Application)



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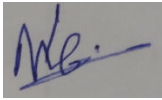
Basics of image, Various image formats (CCITT, PNG etc. DCT, JPEG). Handling image using python library.

Video representation and compression (Application)

MPEG-2, MPEG-4, H.264 standards, Motion estimation algorithms.

## References

1. Khalid Sayood, "Introduction to Data Compression", Fourth Edition, Morgan Kaufmann Publishers Inc. 2012.
2. Digital Image and Video Standards: JPEG( <https://jpeg.org/jpeg/index.html> ), JPEG-LS(<https://jpeg.org/jpegls/index.html>),MPEG2(<https://mpeg.chiariglione.org/standards/mpeg-2> ), MPEG-4 (<https://mpeg.chiariglione.org/standards/mpeg-4> ), H.264 (<https://www.vcodex.com/an-overview-of-h264-advanced-video-coding/> )
3. Gonzalez and Woods, Digital Image Processing, 2008 by Pearson Education, Inc.
4. Thomas M. Cover and Joy A. Thomas "Elements of Information Theory", Second Edition , A John Wiley & Sons, INC., Publication.

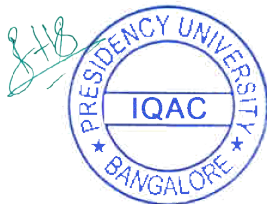


Ms. Bhavana A

Name &Signature of the Faculty Member



Approval by the HOD.



VACCSE08

Ms. Bhavana A

S.No.	Roll No.	Name	11-08-2019	15-08-2019	19-08-2019	19-08-2019	19-08-2019	20-08-2019	20-08-2019	21-08-2019	22-08-2019	22-08-2019	22-08-2019	23-08-2019	24-08-2019	25-08-2019	26-08-2019	27-08-2019	01-09-2019	01-09-2019	02-09-2019	03-09-2019	03-09-2019	03-09-2019	04-09-2019	07-09-2019	07-09-2019	07-09-2019
1	2018IST0001	A SAI HEMANTH CHOWDARY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2018IST0003	AARON P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2018IST0007	AMPERAYANI CHUNCHURU SAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	2018IST0008	AMULYA S	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	2018IST0010	ASHUTOSH UDAY SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	2018IST0011	AVVA VAISHNAVI	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	2018IST0012	AZHAN AHMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	2018IST0015	BHARGAV R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2018IST0016	BHOOMIKA S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
10	2018IST0018	BURRA JAHNAVI VARALAKSHN	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
11	2018IST0019	DEBAYAN JANA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
12	2018IST0021	DINESH P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
13	2018IST0022	DIVESH KUMAR TIWARI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	2018IST0023	DONTHOJU RANGACHARI	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P
15	2018IST0024	ELLURU VEERANAJANEYULU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2018IST0026	G P VARSHA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	2018IST0029	GAGAN SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	2018IST0034	JOOTURU MANOJ KUMAR REDDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	2018IST0036	KAUSTUK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	2018IST0038	M CHARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	2018IST0039	M RAMA SUNDAR GOUD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	2018IST0041	MANISH CHATTERJEE	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	A	A	A	A
23	2018IST0043	MANOJ R	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	A	P
24	2018IST0046	MOHAMED MUHAEMIN AZEEZ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	2018IST0047	MOHAMMED RAYYAN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
26	2018IST0049	MOHAN KUMAR D C	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
27	2018IST0050	NAMALA JAYACHANDRA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	2018IST0051	NARESH GOWDA R	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	2018IST0052	NARESH RAO S S	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	2018IST0053	NAVYA D S	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
31	2018IST0054	NISHITHA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
32	2018IST0055	NOOR AYESHA	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	2018IST0057	PALLA HARSHA VARDHAN	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	2018IST0058	PRANJAL SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	2018IST0060	RAHUL D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	2018IST0061	RAHUL GHOSH M	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
37	2018IST0062	RAVI RANJAN	P	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
38	2018IST0064	RISHABH KUMAR	P	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
39	2018IST0066	S VIGNESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	2018IST0067	SABARISH H	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	2018IST0068	SALONI DELPHINA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	2018IST0069	SAMARTH K P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	2018IST0071	SINDHUSHREE R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	2018IST0072	SRIKANTH S	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
45	2018IST0074	SUMANTH K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
46	2018IST0075	SUPRIYA A R	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
47	2018IST0076	SURYA RAGHAVENDRA B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	2018IST0077	SWETHA B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	2018IST0079	TUANGI SURESH PRAKASH REDDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	2018IST0080	THAKKIM RAVI ASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	2018IST0081	THARUN KUMAR REDDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	2018IST0085	VAMSHIKA K M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
53	2018IST0089	VAYUGUNDLA PRABHIN	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P
54	2018IST0084	VISHVESH K S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	2018IST0067	YALAMURTHI THARUN KUMAR	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	2018IST0088	Z PAVAN	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	2018IST0089	Z VINAYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	2018IST0090	Z ANITHA P Y	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	A	P
59	2018IST0091	Z ANITHA P Y	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Course Instructor

HOD

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**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE08			Academic Year :			2019-2020	
Course Name :		Introduction to Data, Image and Video Compression			Semester :			3rd	
					Instructor-in-Charge Name :			Ms. Bhavana A	
					Instructor-in-Charge Employee ID :			PUNIV00929	
S. No	UID No	Roll No	Name	School SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark	
1	201810102274	20181IST0001	A SAI HEMANTH CHOWDARY	SOE	90%	77	Y		
2	201810102276	20181IST0003	AARON P	SOE	76%	47	N		
3	201810102280	20181IST0007	AMPERAYANI CHUNCHURU SAI NAR	SOE	96%	86	Y		
4	201810102281	20181IST0008	AMULYA S	SOE	94%	82	Y		
5	201810102283	20181IST0010	ASHUTOSH UDAY SHARMA	SOE	94%	80	Y		
6	201810102284	20181IST0011	AVVA VAISHNAVI	SOE	96%	80	Y		
7	201810102285	20181IST0012	AZHAN AHMED	SOE	100%	80	Y		
8	201810102288	20181IST0015	BHARGAV R	SOE	100%	91	Y		
9	201810102289	20181IST0016	BHOOMIKA S	SOE	100%	91	Y		
10	201810102290	20181IST0018	BURRA JAHNAVI VARALAKSHMI	SOE	95%	92	Y		
11	201810102291	20181IST0019	DEBAYAN JANA	SOE	95%	91	Y		
12	201810102293	20181IST0021	DINESH P	SOE	95%	90	Y		
13	201810102294	20181IST0022	DIVESH KUMAR TIWARI	SOE	86%	90	Y		
14	201810102295	20181IST0023	DONTHOJU RANGACHARI	SOE	100%	81	Y		
15	201810102296	20181IST0024	ELLURU VEERANAJANEYULU	SOE	100%	81	Y		
16	201810102298	20181IST0026	G P VARSHA	SOE	78%	47	N		
17	201810102300	20181IST0029	GAGAN SINGH	SOE	82%	81	Y		
18	201810102306	20181IST0034	JOOTURU MANOJ KUMAR REDDY	SOE	90%	88	Y		
19	201810102308	20181IST0036	KAUSTUK KUMAR	SOE	95%	90	Y		
20	201810102310	20181IST0038	M CHARAN	SOE	90%	90	Y		
21	201810102311	20181IST0039	M RAMA SUNDAR GOUD	SOE	90%	90	Y		
22	201810102313	20181IST0041	MANISH CHATTERJEE	SOE	76%	37	N		
23	201810102315	20181IST0043	MANOJ R	SOE	36%	40	N		
24	201810102317	20181IST0046	MOHAMED MUHAEMIN AZEEZ	SOE	88%	76	Y		
25	201810102357	20181IST0047	MOHAMMED RAYYAN S	SOE	85%	76	Y		
26	201810102319	20181IST0049	MOHAN KUMAR D C	SOE	86%	77	Y		
27	201810102320	20181IST0050	NAMALA JAYACHANDRA	SOE	86%	77	Y		
28	201810102321	20181IST0051	NARESH GOWDA R	SOE	86%	77	Y		
29	201810102322	20181IST0052	NARESH RAO S S	SOE	90%	77	Y		
30	201810102323	20181IST0053	NAVYA D S	SOE	90%	80	Y		
31	201810102324	20181IST0054	NISHITHA M	SOE	90%	80	Y		
32	201810102325	20181IST0055	NOOR AYESHA	SOE	96%	80	Y		
33	201810102327	20181IST0057	PALLA HARSHA VARDHAN	SOE	96%	90	Y		
34	201810102328	20181IST0058	PRANJAL SINGH	SOE	80%	75	Y		
35	201810102330	20181IST0060	RAHUL D	SOE	80%	75	Y		
36	201810102331	20181IST0061	RAHUL GHOSH M	SOE	95%	88	Y		
37	201810102332	20181IST0062	RAVI RANJAN	SOE	95%	88	Y		
38	201810102334	20181IST0064	RISHABH KUMAR	SOE	95%	86	Y		
39	201810102335	20181IST0066	S VIGNESH	SOE	93%	86	Y		
40	201810102336	20181IST0067	SABARISH H	SOE	93%	89	Y		
41	201810102338	20181IST0068	SALONI DELPHINA A	SOE	94%	90	Y		
42	201810102339	20181IST0069	SAMARTH K P	SOE	94%	89	Y		
43	201810102341	20181IST0071	SINDHUSHREE R	SOE	94%	89	Y		
44	201810102342	20181IST0072	SRIKANTH S	SOE	94%	89	Y		
45	201810102343	20181IST0074	SUMANTH K	SOE	95%	89	Y		
46	201810102344	20181IST0075	SUPRIYA A R	SOE	95%	90	Y		
47	201810102345	20181IST0076	SURYA RAGHAVENDRA B	SOE	75%	45	N		
48	201810102346	20181IST0077	SWETHA B	SOE	95%	90	Y		
49	201810102348	20181IST0079	THADHI SURYA PRAKASH REDDY	SOE	75%	45	N		
50	201810102349	20181IST0080	THAKKIDI RAMYASRI	SOE	95%	90	Y		
51	201810102350	20181IST0081	THALLU NAVEEN KUMAR REDDY	SOE	75%	45	N		
52	201810102352	20181IST0083	VAMSHIKA K M	SOE	90%	88	Y		
53	201810102354	20181IST0085	VAYUGUNDLA PRAVEEN	SOE	90%	88	Y		
54	201810102355	20181IST0086	VISHRUTH K S	SOE	80%	76	Y		
55	201810102356	20181IST0087	YANAMADURTHI THARUN KUMAR	SOE	80%	75	Y		
56	201810100805	20181IST0088	Y PAVITHRA	SOE	80%	69	Y		
57	201810101563	20181IST0089	S VINAYA	SOE	80%	70	Y		
58	201810100802	20181IST0090	VISMITHA P Y	SOE	80%	70	Y		
59	201810101561	20181IST0091	KAVYA N	SOE	90%	80	Y		

Name of Course Instructor 1: Ms. Bhavana A

Employee ID of Course Instructor 1: PUNIV00929

HOD\_CSE

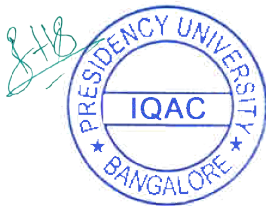
Ms.

REGISTRAR



Course Code :		VACCSE08		Academic Year :		2019-2020		
Course Name :		Introduction to Data, Image and Video Compression		Semester :		3rd		
				Instructor-in-Charge Name :		Ms. Bhavana A		
				Instructor-in-Charge Employee ID :		PUNIV00929		
S. No	UID No	Roll No	Name	School School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Information Retrieval, Machine Learning

**Name of the Faculty Member:** Mr. James Mathew P

**Title of the Value Added Course:** Data Visualization using Tableau

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE12

**Introduction to the Course:**

Tableau is a widely used business intelligence(BI) and analytics software to explore, visualize and securely share data in the form of Workbooks and Dashboards. It is user-friendly.

**Course Pre-requisites:**

NIL

Course Description:

This is skill based course. This course will provide students with a formal grounding in data visualization as well as hands-on experience using Tableau, a popular modern software package. These skills will serve students in their early career and continue to pay dividends in the future.

This course is designed to introduce data visualization as an analytical tool, a medium of communication, and the basis for interactive information dashboards. Students will learn best practices in data visualization, sharpen analytical skills, and learn how to design dashboards for use by stakeholders.

**Course Content/Topics:**

Introduction Data, Methods to prepare data for Tableau, Connect data to Tableau, Create and use data extracts, Ways to filter data, Sorting the data, Build groups, hierarchies, sets, Generate – Histograms, pie charts, bullet charts, combination charts, bar charts, waterfall charts, Gantt charts, sparkline, pareto charts, Maps and plots, Calculated field, build arithmetic calculations, create quick table calculations, working with aggregation options, build logic statements, include grand totals and subtotals.

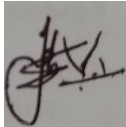
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BANGALORE

**Course Outcomes: On successful completion of the course the students shall be able to :**

CO1: Navigate Tableau's interface , Connect Data stores

CO2: Present data in different visualizations

CO3: Build impactful data Dashboards and Storyboards.

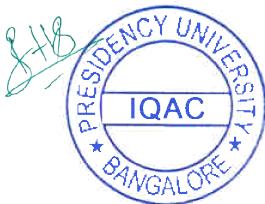


Mr. James Mathew P

**Name & Signature of the Faculty Member**



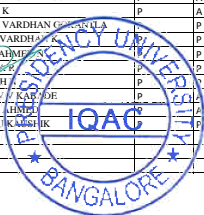
**Approval by the HOD.**



S.No.	Roll No.	Name	VACCSE12												Mr.James Mathew P													
			8-08-2019	8-08-2019	10-08-2019	10-08-2019	11-08-2019	15-08-2019	19-08-2019	19-08-2019	19-08-2019	20-08-2019	20-08-2019	21-08-2019	22-08-2019	22-08-2019	23-08-2019	24-08-2019	25-08-2019	26-08-2019	27-08-2019	01-09-2019	01-09-2019	02-09-2019	03-09-2019	04-09-2019	04-09-2019	
1	20181CSE0197	DUVVITRILOKH CHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	20181CSE0198	EDGA GOWTHAM GOWD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20181CSE0200	EGARLA CHAKRA TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	20181CSE0201	EKTA JHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20181CSE0202	ENOCK HARRIS SUHAS F	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	20181CSE0203	FABIAN DANIEL J	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	20181CSE0204	FAISAL AHMED FAROOQ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	20181CSE0205	FARHEEN TAJ	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20181CSE0206	FATHIMA NIDA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	20181CSE0208	G DHARANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	20181CSE0209	G PRABHANJAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	20181CSE0210	G SAI LOKESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	20181CSE0211	G VIVEKANANDHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	20181CSE0212	GAGGERA BHANU KEERTHANA	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20181CSE0213	GAJULAPALLI NAGA VENKATA SRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	20181CSE0215	GANDHAM HEMANTH MANIKANTA B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	20181CSE0217	GANTASALA SAMITHYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	20181CSE0218	GARIKAPATI SAI LAKSHMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	20181CSE0220	GARIKINA VIJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	20181CSE0221	GARISHAPATI SUSHANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20181CSE0223	GAVIREDDY KRANTH KUMAR REDD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	20181CSE0224	GAYATHRI	P	P	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	20181CSE0225	GENITA JENIFFER J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	20181CSE0228	GIRISH K C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	20181CSE0229	GOKINI VENKATA SATVIK	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	20181CSE0230	GOLI SAI KUMAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20181CSE0231	GOLI VEERA PRABHAKARA MADHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	20181CSE0232	GOLLA KRITI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	20181CSE0233	GOLLA PALLI SAI PAVITHRA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	20181CSE0235	GOOTY SUHEED	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	20181CSE0236	GOPAVARAPU SAI MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	20181CSE0238	GORJALA CHAITHANYA KRISHNA	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	20181CSE0239	GORRELA SREERANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	20181CSE0240	GORRELLU DODDI SREENATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	20181CSE0241	GOSU BHARATH KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	20181CSE0242	GOUTHAM C M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	20181CSE0243	GOWNI RAGHAVENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	20181CSE0245	GOWTHAM R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	20181CSE0246	GUDDIPATI VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	20181CSE0247	GUDDIPUDI ARAVIND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	20181CSE0249	GUJIPINENI VENKATA BRAMHATEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20181CSE0250	GULSHAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20181CSE0252	GUNTAKA YASHWANTH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	20181CSE0253	GURRAMPATI JAGADEESWAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	20181CSE0254	GURUCHARAN D A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	20181CSE0255	GURVINDER SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	20181CSE0256	GUTHULA VENKATA SRIRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20181CSE0257	GUTURI SUHAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	20181CSE0258	GUVVALA SIVASANKAR NAIDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20181CSE0259	HAMZA MOHAMMAD ASHFAQ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20181CSE0260	HANAN FAROOQ KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20181CSE0261	HARSHARAN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20181CSE0262	HARSH PARIHARIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	20181CSE0263	HARSHA A N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20181CSE0264	HARSHA HASADYA SON N T	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20181CSE0265	HARSHA K	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	20181CSE0266	HARSHA VARDHAN GANESHULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	20181CSE0267	HARSH VARDHAN GANESHULA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	20181CSE0834	SANJAY JAYM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	20181CSE013	HARSHITH	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	20181CSE016	HIRANUSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	20191CSE007	ZABBAV P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	20191CSE008	ZAMEER H	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	20181CSE046	PALTERU K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Course Instructor

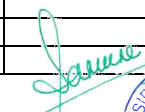

HOD



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BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE12			Academic Year :			2019-2020	
Course Name :		Data Visualization using Tableau			Semester :			3rd	
					Instructor-in-Charge Name :			Mr.James Mathew P	
					Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark	
1	201810100209	20181CSE0197	DUVVI TRILOKH CHANDRA	SOE	75%	45	N		
2	201810100210	20181CSE0198	EDIGA GOWTHAM GOWD	SOE	80%	78	Y		
3	201810100212	20181CSE0200	EJARLA CHAKRA TEJA	SOE	85%	73	Y		
4	201810100213	20181CSE0201	EKTA JHA	SOE	85%	75	Y		
5	201810100214	20181CSE0202	ENOCK HARRIS SUHAS F	SOE	85%	75	Y		
6	201810100215	20181CSE0203	FABIAN DANIEL J	SOE	72%	45	N		
7	201810100216	20181CSE0204	FAISAL AHMED FAROOQ	SOE	85%	76	Y		
8	201810100217	20181CSE0205	FARHEEN TAJ	SOE	90%	89	Y		
9	201810100218	20181CSE0206	FATHIMA NIDA	SOE	90%	77	Y		
10	201810100220	20181CSE0208	G DHARANI	SOE	92%	89	Y		
11	201810100221	20181CSE0209	G PRABHANJAN REDDY	SOE	75%	45	N		
12	201810100222	20181CSE0210	G SAI LOKESH	SOE	95%	80	Y		
13	201810100223	20181CSE0211	G VIVEKANANDHAN	SOE	95%	80	Y		
14	201810100224	20181CSE0212	GAGGERA BHANU KEERTHANA	SOE	95%	80	Y		
15	201810100225	20181CSE0213	GAJULAPALLI NAGA VENKATA SRAV	SOE	90%	80	Y		
16	201810100227	20181CSE0215	GANDHAM HEMANTH MANIKANTA	SOE	90%	88	Y		
17	201810100229	20181CSE0217	GANTASALA SAHITHYA	SOE	96%	88	Y		
18	201810100230	20181CSE0218	GARIKAPATI SAI LAKSHMAN	SOE	96%	90	Y		
19	201810100232	20181CSE0220	GARIKINA VIJAY KUMAR	SOE	95%	91	Y		
20	201810100233	20181CSE0221	GARISHAPATI SUSHANTH	SOE	90%	77	Y		
21	201810100235	20181CSE0223	GAVIREDDY KRANTHI KUMAR REDD	SOE	53%	44	N		
22	201810100236	20181CSE0224	GAYATHRI	SOE	75%	45	N		
23	201810100237	20181CSE0225	GENITA JENIFFER J	SOE	100%	92	Y		
24	201810100240	20181CSE0228	GIRISH K C	SOE	100%	92	Y		
25	201810100241	20181CSE0229	GOGINENI VENKATA SATVIK	SOE	100%	95	Y		
26	201810100242	20181CSE0230	GOLI SAI KUMAR	SOE	100%	95	Y		
27	201810100243	20181CSE0231	GOLI VEERA PRABHAKARA MADHU	SOE	100%	95	Y		
28	201810100244	20181CSE0232	GOLLA KIRITI	SOE	96%	88	Y		
29	201810100245	20181CSE0233	GOLLA PALLI SAI PAVITHRA	SOE	96%	88	Y		
30	201810100247	20181CSE0235	GOOTY SUHEED	SOE	96%	87	Y		
31	201810100248	20181CSE0236	GOPAVARAPU SAI MANIKANTA	SOE	96%	69	Y		
32	201810100250	20181CSE0238	GORIJALA CHAITHANYA KRISHNA	SOE	96%	77	Y		
33	201810100251	20181CSE0239	GORRELA SREEKANTH	SOE	80%	73	Y		
34	201810100252	20181CSE0240	GORRELUDDODDI SREENATH	SOE	63%	44	N		
35	201810100253	20181CSE0241	GOSU BHARATH KUMAR REDDY	SOE	75%	45	N		
36	201810100839	20181CSE0242	GOUTHAM C M	SOE	53%	44	N		
37	201810100254	20181CSE0243	GOWNI RAGHAVENDRA	SOE	63%	44	N		
38	201810100256	20181CSE0245	GOWTHAM R	SOE	95%	91	Y		
39	201810100257	20181CSE0246	GUDIPATI VENKATESH	SOE	100%	94	Y		
40	201810100258	20181CSE0247	GUDIPUDI ARAVIND	SOE	100%	94	Y		
41	201810100260	20181CSE0249	GUJIPINENI VENKATA BRAMHATEJA	SOE	100%	94	Y		
42	201810100261	20181CSE0250	GULSHAN KUMAR	SOE	100%	94	Y		
43	201810100263	20181CSE0252	GUNTAKA YASHVANTH REDDY	SOE	72%	45	N		
44	201810100264	20181CSE0253	GURRAMPATI JAGADEESWAR REDD	SOE	100%	90	Y		
45	201810100265	20181CSE0254	GURUCHARAN D A	SOE	96%	90	Y		
46	201810100266	20181CSE0255	GURVINDER SINGH	SOE	96%	90	Y		
47	201810100267	20181CSE0257	GUTHULA VENKATA SRIRAM	SOE	75%	45	N		
48	201810100268	20181CSE0257	GUTURI SUHAS	SOE	95%	85	Y		
49	201810100269	20181CSE0258	GUVVALA SIVASANKAR NAIDU	SOE	95%	86	Y		
50	201810100270	20181CSE0258	HAMZA MOHAMMAD ASHFAQ	SOE	86%	84	Y		
51	201810100271	20181CSE0260	HANAN FAROOQ KHAN	SOE	82%	84	Y		
52	201810100272	20181CSE0261	HARIHARAN S	SOE	90%	83	Y		
53	201810100273	20181CSE0262	HARSH PARIHARIYA	SOE	90%	83	Y		
54	201810100274	20181CSE0263	HARSHA A N	SOE	75%	45	N		
55	201810100275	20181CSE0264	HARSHA HASADYA SON N T	SOE	90%	80	Y		
56	201810100276	20181CSE0265	HARSHA K	SOE	90%	80	Y		
57	201810100277	20181CSE0266	HARSHA VARDHAN GORANTLA	SOE	63%	44	N		
58	201810100278	20181CSE0267	HARSHAVARDHAN K	SOE	53%	45	N		

  
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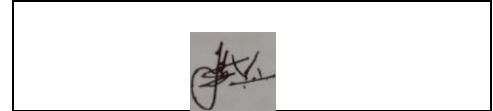
Course Code :		VACCSE12			Academic Year :		2019-2020	
Course Name :		Data Visualization using Tableau			Semester :		3rd	
					Instructor-in-Charge Name :		Mr.James Mathew P	
					Instructor-in-Charge Employee ID :			
S. No	UID No	Roll No	Name	School SoE/SoL etc (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
59	201810102238	20181CSE0834	SANIYA AHMED N	SOE	90%	78	Y	
60	201710100415	20181CSE9013	HARITEJA R	SOE	90%	80	Y	
61	201710100962	20181CSE9016	DHANUSH N	SOE	90%	80	Y	
62	201911100046	20191LCS0007	VAIBHAV V KABADE	SOE	53%	45	N	
63	201911100048	20191LCS0008	ZAMEER AHMED	SOE	75%	45	N	
64	201710100654	20181CSE9046	PALTERU KAUSHIK	SOE	75%	45	N	

Name of Course Instructor 1:

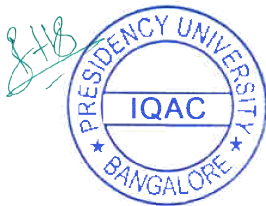
Mr.James Mathew P

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering  
**Name of the Department:** Computer Science and Engineering  
**Area of Specialization:** Name of the Faculty Member: Mr. Murthy D H R  
**Title of the Value Added Course:** Webpage Development using (Codepen/Replit Tools & HTML, CSS and JavaScript Lang)

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE15

**Introduction to the Course:**

**Purpose of this course :** This course is intended to teach the basics involved in publishing content on the World Wide Web. This includes the 'language of the Web' – HTML, the fundamentals of how the Internet and the Web function, a basic understanding of graphic production with a specific stress on creating graphics for the Web, and a general grounding introduction to more advanced topics such as programming and scripting.

**Nature of the course :** This will also expose students to the basic tools and applications used in Web publishing.

**Prerequisites of the course:** Coding Skills

**Course Outcomes: On successful completion of the course the students shall be able to :**

- 01- Analyze a web page and identify its elements and attributes,
- 02- Create web pages using HTML , Cascading Style Sheets & Javascript.
- 03- Understand the concepts of Construct, visually format Tables and Forms using HTML & CSS

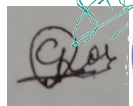

**Course Content: [Briefly mention all the important topics to be covered in this course]**

**HTML:** Introduction, Basic, Elements, Attributes, Headings, Paragraphs, Styles, Comments, Links, Images, Tables, Lists, Forms, Input, Media. **10 Hours**

**CSS:** Introduction, Syntax, Selectors, Colors, Backgrounds, Borders, Margins, Padding, Text, Fonts, Links, Lists, Float, Align, Transformations, Animations. **10 Hours**

**Javascript:** Introduction, Syntax, Variables, Operators, Data Types, Functions, Objects, Events, Strings, Math, Random, Switch, Loops. **10 Hours**

**Projects, Activities, Quiz.**

Mr. Murthy D H R  
**Name & Signature of the Faculty Member**



**Approval by Program Head**


VACCSE15

Mr.Murthy D H R

S.No.	Roll No.	Name	10-08-2019	10-08-2019	11-08-2019	15-08-2019	19-08-2019	19-08-2019	19-08-2019	20-08-2019	20-08-2019	21-08-2019	22-08-2019	22-08-2019	22-08-2019	23-08-2019	24-08-2019	25-08-2019	26-08-2019	27-08-2019	01-09-2019	01-09-2019	02-09-2019	03-09-2019	04-09-2019	04-09-2019
1	20181COM0002	ABHISHEK C N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	20181COM0003	ABHISHEK SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20181COM0004	ADITHYA M S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	20181COM0006	AKHIL A S	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20181COM0007	AKSHAY KUMAR PAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	20181COM0008	ALLAM SAI KRISHNA	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
7	20181COM0009	ALLAMPATI MAHDHAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	20181COM0010	ALLURU JATHASYA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20181COM0011	ALVIN NISHANT D	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	20181COM0012	ANAGHA PRADEEP	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
11	20181COM0014	ANJAN SATHEESH	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	20181COM0015	ANOOP V V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	20181COM0016	ANURAJ K	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
14	20181COM0018	B SRI SAI VIJITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A	A
15	20181COM0019	BAPATLA IMMANYAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	20181COM0021	BEERAPPAGARI POORNA CHANI	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	20181COM0022	BESTHA SAI HANEESHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	20181COM0024	BHOOMIKA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	20181COM0025	BHUVAN S M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	20181COM0026	BIDULURU RAMESHGARI JAYAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20181COM0027	BINDU J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	20181COM0028	BINDUSHREE S	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
23	20181COM0029	BOYAPATI NAVEEN NAIDU	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
24	20181COM0030	BOYINA VENKATA RAMANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	20181COM0031	BUDANKAYALA CHANDRA PRA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
26	20181COM0032	BYSANI RAGHU DHEERAJ	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
27	20181COM0033	CHARAN PRUTHVIK B	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	20181COM0034	CHAYA SWAROOP S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	20181COM0035	D A SANTHOSH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	20181COM0036	D ANVITHA	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
31	20181COM0037	DABBUGODLA SUNILKUMAR YA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
32	20181COM0038	DARAPU NAIDU	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	20181COM0039	DAYANAND B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	20181COM0040	DEVISETTI NAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	20181COM0041	DHAKSHITHA RAJULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	20181COM0042	DHANUSH KOTI K G	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P
37	20181COM0043	DHANYA GRIDHARA	P	P	P	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	20181COM0045	DHEERAJ SHANKAR	P	P	P	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	20181COM0046	DINDUKURTHI SRI SAI NAGA PR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	20181COM0047	G S UTHEJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	20181COM0048	GADWALA VENKATA DHANUSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20181COM0050	GAJULA SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20181COM0051	GAURAV V JAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	20181COM0052	GONCHI GARI RAVI	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P
45	20181COM0053	GONDI SANKARA SAI SKANDA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
46	20181COM0054	GRANDHSILA VENKATA SIVA S	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
47	20181COM0055	GURDE MAJAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20181COM0056	GUDE SRINIVASULU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	20181COM0058	GUTTI CHITRA SUTHEJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20181COM0059	H SHASHANK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20181COM0079	HANI SAFAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20181COM0060	HARI TEJA REDDY K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
53	20181COM0061	HARSHITHA P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
54	20181COM0062	INDRANI GHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20181COM0063	JINSON S SHAMAN	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20181COM0064	JISEL C JOSH	P	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	20181COM0065	JUNAIB HAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	20181COM0067	J SAI VIKRANTAS	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A
59	20181COM0068	K YASHWANTH KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	20181COM0069	KADHAR MEERAN A	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	20181COM0070	KALAVA VAMSI KRUSHNA REDD	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P

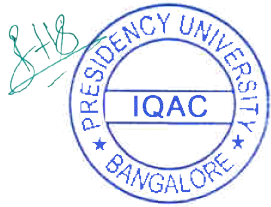
Mr.Murthy D H R  
Course Instructor

HOD

REGISTRAR

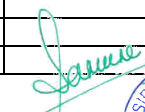

Presidency University  
Bangalore

Registrar



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE15			Academic Year :			2019-2020	
Course Name :		Hands-On Experience for Webpage Development using Codepen/Replit Tools			Semester :			3rd	
					Instructor-in-Charge Name :			Mr.Murthy D H R	
					Instructor-in-Charge Employee ID :			PUNIV00441	
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark	
1	201810100420	20181CSE0410	MEDAM MANI SIVA KUMAR REDDY	SOE	100%	90	Y		
2	201810100421	20181CSE0411	MEGHA V	SOE	100%	90	Y		
3	201810100423	20181CSE0413	MEGHANA U	SOE	100%	89	Y		
4	201810100424	20181CSE0414	MEHAK MATHUR	SOE	95%	77	Y		
5	201810100425	20181CSE0415	MEHER TAJ	SOE	95%	76	Y		
6	201810100426	20181CSE0416	MEHUL SAI KUMAR N	SOE	96%	74	Y		
7	201810100427	20181CSE0417	MEKALA GANESH	SOE	75%	45	N		
8	201810100428	20181CSE0418	MENTA MANOJ KUMAR	SOE	80%	75	Y		
9	201810100429	20181CSE0419	MERAJ KHAN M	SOE	80%	75	Y		
10	201810100430	20181CSE0420	MIKI SINGH	SOE	75%	45	N		
11	201810100431	20181CSE0421	MODEM TEJESHWAR	SOE	90%	88	Y		
12	201810100432	20181CSE0422	MOHAMED FAHAD IDREES	SOE	90%	89	Y		
13	201810100435	20181CSE0425	MOHAMMED ABDUL WAHAB AHMED	SOE	95%	90	Y		
14	201810100436	20181CSE0426	MOHAMMED ABDULLAH	SOE	95%	90	Y		
15	201810100437	20181CSE0427	MOHAMMED ARBAR	SOE	86%	77	Y		
16	201810100438	20181CSE0428	MOHAMMED FAIZAN T	SOE	86%	76	Y		
17	201810100439	20181CSE0429	MOHAMMED FARDEEN KHAN	SOE	90%	76	Y		
18	201810100440	20181CSE0430	MOHAMMED FURQAN AHMED	SOE	90%	76	Y		
19	201810100841	20181CSE0431	MOHAMMED IBRAHIM DANIYAL	SOE	90%	78	Y		
20	201810100441	20181CSE0432	MOHAMMED SAAD	SOE	96%	78	Y		
21	201810100442	20181CSE0433	MOHAMMED SAIF	SOE	96%	88	Y		
22	201810100443	20181CSE0434	MOHAMMED SAIF KHAN	SOE	95%	89	Y		
23	201810100444	20181CSE0435	MOHAMMED SHARIQ	SOE	75%	55	N		
24	201810100445	20181CSE0436	MOHAMMED TAHIR	SOE	79%	40	N		
25	201810100446	20181CSE0437	MOHAMMED UVAIS	SOE	100%	90	Y		
26	201810100447	20181CSE0438	MOHAMMED ZAEEM	SOE	100%	91	Y		
27	201810100448	20181CSE0439	MONIKA J	SOE	100%	91	Y		
28	201810100449	20181CSE0440	MONISHA R	SOE	100%	88	Y		
29	201810100450	20181CSE0441	MORAPAKULA RATNA PRAVALLIKA	SOE	86%	76	Y		
30	201810100452	20181CSE0443	MOTAKATLA SRINIVASA REDDY	SOE	99%	86	Y		
31	201810100453	20181CSE0444	MOTAMARRI REVANTH NAGA VENK	SOE	99%	86	Y		
32	201810100454	20181CSE0445	MRUDULA N	SOE	99%	85	Y		
33	201810100455	20181CSE0446	MUDDALAPURAM ASHRITHA	SOE	98%	85	Y		
34	201810100456	20181CSE0447	MUKUNDA REDDY P	SOE	98%	88	Y		
35	201810100457	20181CSE0448	MULLA MOHAMMAD ZUBAIR	SOE	100%	88	Y		
36	201810100459	20181CSE0450	MUSKAN	SOE	100%	89	Y		
37	201810100460	20181CSE0451	MUSTURU DEVENDRA REDDY	SOE	100%	84	Y		
38	201810100461	20181CSE0452	MUTHYALA YOGANANDA REDDY	SOE	100%	84	Y		
39	201810100462	20181CSE0453	N DHIVYAPRAKASH	SOE	100%	84	Y		
40	201810100463	20181CSE0454	N KIRAN KUMAR	SOE	100%	81	Y		
41	201810100465	20181CSE0456	N M BRINDA	SOE	100%	81	Y		
42	201810100466	20181CSE0457	N SRI RAM	SOE	90%	81	Y		
43	201810100467	20181CSE0458	N VASEEMBASHA	SOE	90%	91	Y		
44	201810100469	20181CSE0460	N ZEBI FATHIMA NIAZI	SOE	90%	91	Y		
45	201810100470	20181CSE0461	NAGARATHNA S HOSAGOUDAR	SOE	96%	92	Y		
46	201810100471	20181CSE0462	NANDA KRISHNA REDDY NAGIREDD	SOE	75%	35	N		
47	201810100473	20181CSE0463	N ALLAGARI UDAY KUMAR REDDY	SOE	100%	93	Y		
48	201810100474	20181CSE0464	N AMALAKUTLA MANIDHAR	SOE	100%	93	Y		
49	201810100475	20181CSE0466	NAMRATHA H D	SOE	100%	94	Y		
50	201810100476	20181CSE0465	NANDAMURI NAGENDRA	SOE	100%	94	Y		
51	201810100477	20181CSE0468	NANDAN N	SOE	96%	85	Y		
52	201810100478	20181CSE0469	NANDAVARAPU SURAJ	SOE	95%	85	Y		
53	201810100479	20181CSE0470	NANUBALA GURU SAIE SARAN	SOE	96%	85	Y		
54	201810100480	20181CSE0471	NARAYANA N GOURAV	SOE	94%	84	Y		
55	201810100481	20181CSE0472	NARENDRA P RATHORE	SOE	95%	84	Y		
56	201810100482	20181CSE0473	NARNE DILEEP	SOE	45%	45	N		
57	201810100483	20181CSE0474	NAVANEETH G	SOE	100%	90	Y		
58	201710100608	20181CSE9024	NAIK RUCHIT RAMDAS	SOE	100%	90	Y		


  
 REGISTRAR  


Course Code :		VACCSE15		Academic Year :			2019-2020	
Course Name :		Hands-On Experience for Webpage Development using Codepen/Replit Tools		Semester :			3rd	
				Instructor-in-Charge Name :			Mr.Murthy D H R	
				Instructor-in-Charge Employee ID :			PUNIV00441	
S. No	UID No	Roll No	Name	School SoE/SoL etc (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
59	201710100951	20181CSE9025	YESHWANTH S	SOE	96%	88	Y	
60	201911100003	20191LCS0014	SHUBHAKAR S R	SOE	96%	89	Y	
61	201911100086	20191LCS0015	SUMILITA NATH	SOE	96%	89	Y	

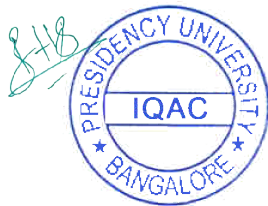
Name of Course Instructor 1: Mr.Murthy D H R

Employee ID of Course Instructor 1: PUNIV00441

  
HOD\_CSE



Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:**

**Name of the Faculty Member:** Ms. Napa Lakshmi

**Title of the Value Added Course:** Design Thinking for Innovation

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE21

**Introduction to the Course:**

This course intend to provide learners build an understanding of the 'user's need' by engaging in empathic interactions, creating and testing rapid prototypes, and creating important building blocks of a business case.

**Prerequisites:**

**Course Outcomes: On successful completion of the course the students shall be able to :**

- 01:** Human-centered approach to problem solving
- 02:** Nurture an innovative mindset
- 03:** Provides structure to innovation
- 04:** Industry agnostic and a valuable skill for every professional

## Course Content

### Module 1: Welcome and Orientation

[1 Hours]

- Welcome
- Program Overview
- Novor Onboarding
- Course Teams

### Module 2: Define your Innovation Challenge

[4 hours]

- Overview of Design Thinking
- Identifying an Innovation Challenge
- Needs Finding

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• Identifying Assumptions  
**Module 3: Observe and Interview Needs Finding** [5 hours]

- Identifying Assumptions
- Observation Plan
- Observation Techniques
- Interview Plan
- Interview Techniques

**Module 4: Space Saturation and POV Space Saturation** [3 Hours]

- Clustering
- Techniques for Organizing Data
- Point of View

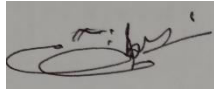
**Module 5: Ideate** [3 Hours]

- Rules of Brainstorming
- Brainstorm Facilitation
- Advanced Brainstorming Techniques

**Module 6: Prototype** [3 Hours]

- Introduction to Prototyping
- Prototyping Techniques
- Testing Prototypes

**Module 10: Reflect on the Process** [2 Hours]

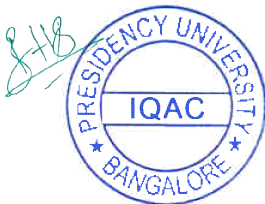


Ms. Napa Lakshmi

**Name & Signature of the Faculty Member**



**Approval by Program Head**





S.No.	Roll No.	Name	VACCSE21											Ms. Napa Lakshmi													
			10-08-2019	11-08-2019	15-08-2019	19-08-2019	19-08-2019	19-08-2019	20-08-2019	20-08-2019	21-08-2019	22-08-2019	22-08-2019	22-08-2019	23-08-2019	24-08-2019	25-08-2019	26-08-2019	27-08-2019	01-09-2019	01-09-2019	02-09-2019	03-09-2019	04-09-2019	04-09-2019		
1	20181CSE0800	YAMUNA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2	20181CSE0802	YASHAS L	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	20181CSE0803	YASHWANTH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	20181CSE0804	YEDUGURI CHANDRA KIRAN REDDY	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	20181CSE0805	YELLANKI SAIRAM AARYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	20181CSE0806	YENDRU SRI HARSHA VARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	
7	20181CSE0809	YOGESH GOWDA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	20181CSE0810	ZOYA AHMED	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	20181CSE0812	KOTA VAMSI CHOWDARY	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	20181CSE0814	GADDALE NITESH KUMAR	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	
11	20181CSE0816	OWK MADHU	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	20181CSE0818	UGGANAGERI DILEEP	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	20181CSE0819	BAKKIREDDY NITHIN REDDY	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
14	20181CSE0820	HARISH R	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	P	P	P	P	P	
15	20181CSE0821	SUBASH N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	20181CSE0822	SABAH KHANAM M S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	20181CSE0823	KAKUMANU CHANDRABABU K CHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	20181CSE0824	VISWANATHUNI LEKHAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	20181CSE0825	CHINNAKUKKAYAGARI VENKATA SUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	20181CSE0826	KANDULA YESWANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	20181CSE0828	GUDDITI MEGHANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	20181CSE0830	MOHAMMED IMAAD THOUHEED	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
23	20181CSE0831	KARRI GUNAVARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
24	20181CSE0832	KAKARLA VENKATA TARUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	20181CSE0833	SURYA SAMARTH J	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
26	20181CSE0835	KATTA NAVEEN KUMAR	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
27	20181CSE0836	PARSHAW BHATTACHARJEE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	20181CSE0837	DHARMAVARAM VIVEK SUNDER	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	20181CSE0838	KODAVATI VIVEK CHOWDARY	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	20181CSE0839	BINDU G GOWDA	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P
31	20181CSE0840	AMRUTHA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
32	20181CSE0841	ARBAAZ AHMED	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	20181CSE0842	NEERUGATTU MOHAMMED MUJAEH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	20181CSE0843	AKSHAY B S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	20181CSE0844	VASANTHA SURYA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	20181CSE0845	DARA JANARDHANA REDDY	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P
37	20181CSE0846	BOLA HEMANTH KUMAR	P	P	A	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	20181CSE0847	TANNU GIRI	P	P	A	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	20181CSE0848	YUSUF ALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	20181CSE0849	AKKALA ADI SANKAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	20181CSE0850	CHATTHARASI SAINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20181CSE0851	ARIHANT MUNDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20181CSE0852	C BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	20181CSE0853	N MOHAMMED NAWAZ	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	20181CSE0854	REDDYGARI NIRANJAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
46	20181CSE0855	AWOGH R	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
47	20181CSE0856	ARCHIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20181CSE0857	MEHA PINKU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	20191CSE0858	PENMETS SAIVISHEE DRA VARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20191CSE0859	GUNDARAPU NAINSIMHA SAI PRAVE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20181CSE0860	JANERIA ANJUM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20181CSE0861	MAHANA V NAGARAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
53	20181CSE0862	AVINASH KUMAR KUNDI	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
54	20181CSE0863	MOJIN AHMED KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20181CSE0864	MASTURU SUGAN D S S S	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20181CSE0865	RAJESH KUMAR CHAKRAVARTHY	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	20191CSE0020	ANAS SURESH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

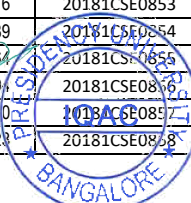
Ms. Napa Lakshmi  
Course Instructor

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BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE21		Academic Year :			2019-2020	
Course Name :		Design Thinking for Innovation		Semester :			3rd	
				Instructor-in-Charge Name :			Ms. Napa Lakshmi	
				Instructor-in-Charge Employee ID :			PUNIV00927	
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	201810100807	20181CSE0800	YAMUNA D	SOE	72%	40	N	
2	201810100809	20181CSE0802	YASHAS L	SOE	35%	35	N	
3	201810100810	20181CSE0803	YASHWANTH S	SOE	70%	41	N	
4	201810100811	20181CSE0804	YEDUGURI CHANDRA KIRAN REDDY	SOE	99%	90	Y	
5	201810100812	20181CSE0805	YELLANKI SAIRAM AARYAN	SOE	99%	91	Y	
6	201810100813	20181CSE0806	YENDRU SRI HARSHA VARDHAN	SOE	99%	91	Y	
7	201810100815	20181CSE0809	YOGESH GOWDA	SOE	100%	92	Y	
8	201810100816	20181CSE0810	ZOYA AHMED	SOE	100%	92	Y	
9	201810100818	20181CSE0812	KOTA VAMSI CHOWDARY	SOE	96%	88	Y	
10	201810100820	20181CSE0814	GADDALE NITHESH KUMAR	SOE	96%	88	Y	
11	201810100822	20181CSE0816	OWK MADHU	SOE	96%	88	Y	
12	201810100824	20181CSE0818	UGGANAGERI DILEEP	SOE	72%	88	Y	
13	201810100825	20181CSE0819	BAKKIREDDY NITHIN REDDY	SOE	94%	89	Y	
14	201810100826	20181CSE0820	HARISH R	SOE	94%	89	Y	
15	201810100827	20181CSE0821	SUBASH N	SOE	94%	89	Y	
16	201810100828	20181CSE0822	SABAH KHANAM M S	SOE	94%	90	Y	
17	201810100829	20181CSE0823	KAKUMANU CHANDRABABU K CHAN	SOE	94%	90	Y	
18	201810100830	20181CSE0824	VISWANATHUNI LEKHAJ	SOE	100%	87	Y	
19	201810100831	20181CSE0825	CHINNAKUKKAYAGARI VENKATA SU	SOE	100%	92	Y	
20	201810100832	20181CSE0826	KANDULA YESWANTH	SOE	100%	92	Y	
21	201810100835	20181CSE0828	GUDDITI MEGHANA	SOE	100%	92	Y	
22	201810100845	20181CSE0830	MOHAMMED IMAAD THOUHEED	SOE	89%	93	Y	
23	201810102096	20181CSE0831	KARRI GUNAVARDHAN	SOE	72%	93	Y	
24	201810102198	20181CSE0832	KAKARLA VENKATA TARUN	SOE	99%	94	Y	
25	201810102029	20181CSE0833	SURYA SAMARTH J	SOE	99%	94	Y	
26	201810101305	20181CSE0835	KATTA NAVEEN KUMAR	SOE	99%	94	Y	
27	201810101168	20181CSE0836	PARSHAW BHATTACHARJEE	SOE	99%	87	Y	
28	201810101922	20181CSE0837	DHARMAVARAM VIVEK SUNDER	SOE	99%	87	Y	
29	201810102099	20181CSE0838	KODAVATI VIVEK CHOWDARY	SOE	95%	87	Y	
30	201810102177	20181CSE0839	BINDU G GOWDA	SOE	96%	86	Y	
31	201810102171	20181CSE0840	AMRUTHA S	SOE	96%	86	Y	
32	201810101282	20181CSE0841	ARBAAZ AHMED	SOE	96%	86	Y	
33	201810101982	20181CSE0842	NEERUGATTU MOHAMMED MUJAH	SOE	95%	88	Y	
34	201810102061	20181CSE0843	AKSHAY B S	SOE	94%	88	Y	
35	201810102353	20181CSE0844	VASANTHA SURYA K	SOE	91%	88	Y	
36	201810102078	20181CSE0845	DARA JANARDHANA REDDY	SOE	75%	45	N	
37	201810101439	20181CSE0846	BOLA HEMANTH KUMAR	SOE	96%	90	Y	
38	201810102259	20181CSE0847	TANNU GIRI	SOE	72%	45	N	
39	201810102160	20181CSE0848	YUSUF ALI	SOE	95%	90	Y	
40	201810102060	20181CSE0849	AKKALA ADI SANKAR REDDY	SOE	96%	91	Y	
41	201810101073	20181CSE0850	CHATHARASI SAINATH	SOE	96%	95	Y	
42	201810101049	20181CSE0851	ARIHANT MUNDRA	SOE	96%	95	Y	
43	201810101067	20181CSE0852	C BHARATH	SOE	96%	95	Y	
44	201810101976	20181CSE0853	N MOHAMMED NAWAZ	SOE	95%	75	Y	
45	201810101189	20181CSE0854	REDDYGARI NIRANJAN REDDY	SOE	86%	75	Y	
46	201810102064	20181CSE0855	AMOGH R RAO	SOE	86%	75	Y	
47	201810101189	20181CSE0856	ARCHIT KUMAR	SOE	72%	75	Y	
48	201810101640	20181CSE0857	NEHA PRASAD T	SOE	80%	65	Y	
49	201810102128	20181CSE0858	PENMETS SAI RISHEENDRA VARMA	SOE	80%	70	Y	



  
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Course Code :		VACCSE21		Academic Year :		2019-2020		
Course Name :		Design Thinking for Innovation		Semester :		3rd		
				Instructor-in-Charge Name :		Ms. Napa Lakshmi		
				Instructor-in-Charge Employee ID :		PUNIV00927		
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
50	201810102087	20181CSE0859	GUNDARAPU NARASIMHA SAI PRAV	SOE	80%	70	Y	
51	201810101944	20181CSE0860	JUVERIA ANJUM	SOE	80%	88	Y	
52	201810102043	20181CSE0861	VAISHNAVI R NAGARAL	SOE	96%	87	Y	
53	201810101053	20181CSE0862	AVINASH KUMAR KUNDU	SOE	96%	87	Y	
54	201810101972	20181CSE0863	MOIN AHMED KHAN	SOE	75%	45	N	
55	201710100964	20181CSE9040	KASTURI RANGAN D N S S S	SOE	95%	84	Y	
56	201710100365	20181CSE9041	ELADI HANOK CHAKRAVARTHY	SOE	95%	80	Y	
57	201911100122	20191LCS0026	KANA SUDHEER REDDY	SOE	95%	82	Y	

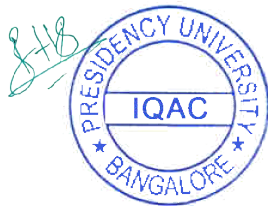
Name of Course Instructor 1: Ms. Napa Lakshmi

Employee ID of Course Instructor 1: PUNIV00927

  
HOD\_CSE



Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Computer Forensic, and Cyber Crime

**Name of the Faculty Member:** Ms. Shaleen Bhatnagar, Assistant Professor, CSE

**Title of the Value Added Course:** Digital Forensic and Cyber Crime

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE22

**Introduction to the Course:** This course intends to know various types of cyber crime, Computer forensics and its importance, Preparing a Computer Investigation , Assessing the Case ,Planning Your Investigation, Securing Your Evidence,Procedures for Corporate High-Tech Investigations, Completing the Case, Determining the Best Acquisition Method and how to use acquisition tools, Determine what data to analyze in a digital forensics investigation, How to do the E-mail Investigations

**Prerequisites:** Basics of file system.

**Course Outcomes: On successful completion of the course the students shall be able to :**

- 01: To understand the cyber crime and Computer forensics
02. To understand Preparing a Computer Investigation
03. Analyze type of digital forensics investigation
04. To apply digital forensic technique for E-mail Investigations

## Course Content

### Module 1: Introduction: Understanding Cyber Crime

1. Overview, Crime Types, Computer forensics and its importance
2. Types of data, Forensic process, Legal aspects of computer forensics
3. Understanding Computer Forensics
4. Computer Forensics Versus other related disciplines
5. A brief history of computer forensics

[6 Hours]

### Module 2: Preparing a Computer Investigation

1. Preparing a Computer Investigation
2. An Overview of a Computer Crime

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3. Taking a Systematic Approach
4. Assessing the Case
5. Planning Your Investigation
6. Securing Your Evidence
7. Procedures for Corporate High-Tech Investigations
8. Completing the Case

[ 8 hours]

#### Module 3: Data Acquisition

1. Understanding Storage Formats for Digital Evidence
2. Advanced Forensics Format
3. Determining the Best Acquisition Method
4. Describe contingency planning for data acquisitions
5. Explain how to use acquisition tools

#### Computer Forensics Analysis and Validation

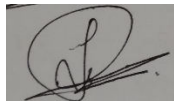
1. Determine what data to analyze in a digital forensics investigation

[8 hours]

#### Module 4: E-mail Investigations

1. Explain the role of e-mail in investigations
2. Describe client and server roles in e-mail
3. Describe tasks in investigating e-mail crimes and violations
4. Explain the use of e-mail server logs
5. Describe some available e-mail computer forensics tools

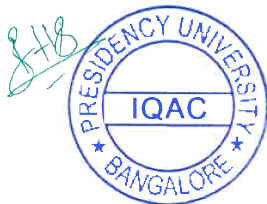
[8 hours]



Ms. Shaleen Bhatnagar  
Name & Signature of the Faculty Member



Approval by Program Head



		VACCSE22																	Ms. Shaleen Bhatnagar																
S.No.	Roll No.	Name	21-01-2020	22-01-2020	23-01-2020	24-01-2020	25-01-2020	26-01-2020	26-01-2020	27-01-2020	27-01-2020	27-01-2020	30-01-2020	30-01-2020	30-01-2020	31-01-2020	1-02-2020	2-02-2020	2-02-2020	3-02-2020	4-02-2020	6-02-2020	6-02-2020	7-02-2020	10-02-2020	10-02-2020									
1	20171CSE0001	A MOHITH CHAND	P	P	A	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
2	20171CSE0002	A S HARSATHABINAB	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P									
3	20171CSE0003	AASHIKA	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P									
4	20171CSE0005	ABBAS ALI PATHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
5	20171CSE0006	ABDUL AHAAD F	P	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P									
6	20171CSE0007	ABDUL MUIZ	A	A	A	P	P	P	A	P	A	P	P	P	A	P	P	A	P	A	P	P	A	P	P	P									
7	20171CSE0008	ABDUL MUJEEB	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A									
8	20171CSE0009	ABHI MANMOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
9	20171CSE0010	ABHILASH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P									
10	20171CSE0011	ABHILASH S N	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	A	P									
11	20171CSE0012	ABHINAV NARAYANASWAM	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P									
12	20171CSE0013	ANUSHAA R	P	P	P	A	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
13	20171CSE0014	ABHIRAM PK	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P									
14	20171CSE0015	ABHISHEK.G.V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
15	20171CSE0016	ABHISHEK MISHRA	A	A	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P									
16	20171CSE0018	ABRAR AKRAM	A	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	P									
17	20171CSE0019	ADARSH RAO E H	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A									
18	20171CSE0020	ADAVI DILIP KUMAR YADAV	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P									
19	20171CSE0021	ADITHYA V	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A									
20	20171CSE0022	ADITYA G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
21	20171CSE0023	ADITYA JASON HANS	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A									
22	20171CSE0025	AHADH SHAJAHAN	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	P									
23	20171CSE0026	AISHWARYA A S	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A									
24	20171CSE0027	AISHWARYA VIJAY KUMAR	P	P	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A									
25	20171CSE0028	AJAY SHARMA U	P	A	P	P	P	A	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P									
26	20171CSE0030	AKANKSHA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
27	20171CSE0031	AKASH J POONIA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P									
28	20171CSE0033	AKASH PATHAK	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A									
29	20171CSE0035	AKSHAY A BADIGER	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	A	A	P	P									
30	20171CSE0036	AKSHAY KRISHNA K S	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
31	20171CSE0037	AKSHAY KUMAR GUPTA	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P									
32	20171CSE0038	AKSHITHA J A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P									
33	20171CSE0039	ALISHA SHAMA ANNUM A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	A									
34	20171CSE0040	ALLAPARTHI CHARAN	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	A									
35	20171CSE0041	ALLINAGARAM AJAY	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	A	A	A									
36	20171CSE0042	ALOK KUMAR	A	P	P	P	P	A	A	A	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P									
37	20171CSE0043	AMAAN FARAAZ	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	A	A									
38	20171CSE0044	AMAL M	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P									
39	20171CSE0045	AMAN KUMAR	P	P	A	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P									
40	20171CSE0046	AMBICA REDDY	P	P	A	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P									
41	20171CSE0048	AMEER AKHTAR	P	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
42	20171CSE0049	AMINA AHMED	P	P	A	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P									
43	20171CSE0051	AMITH GOUTHAM GOWDA	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A									
44	20171CSE0052	AMMATUL AZIZ	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A									
45	20171CSE0053	AMRUTHA	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
46	20171CSE0055	ANANY JOHARI	P	P	A	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P									
47	20171CSE0056	ANDE AKHIL KUMAR	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
48	20171CSE0060	ANDE AMRUTHA RNHANTH	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P									
49	2017105E0058	ANIL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
50	20171CSE0059	ANIL KUMAR	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
51	20171CSE0060	ANIMESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
52	20171CSE0061	ANIRUDH K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
53	20171CSE0062	ANIRUDH K	P	P	P	A	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A									
54	20171CSE0063	ANIRUDH K	P	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
55	20171CSE0065	ANKITA	P	P	A	P	P	P	P	P	P	P	A	A	P	A	P	A	P	P	P	P	P	P	P	P									
56	20171CSE0067	ANKITHA SURABHA	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A									
57	20171CSE0070	ANANTH KANISHK	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									

Ms. Shaleen Bhatnagar  
Course Instructor

HOD

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**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE22		Academic Year :2021-2022			2021-2022	
Course Name :		Digital Forensic and Cyber Crime		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Ms. Shaleen Bhatnagar	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School SoE/ (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0001	A MOHITH CHAND	SOE	75%	90	YES	
2		20171CSE0002	A S HARSATHABINAB	SOE	85%	92	YES	
3		20171CSE0003	AASHIKA	SOE	75%	85	YES	
4		20171CSE0005	ABBAS ALI PATHAN	SOE	75%	84	YES	
5		20171CSE0006	ABDUL AHAAD F	SOE	75%	88	YES	
6		20171CSE0007	ABDUL MUIZ	SOE	75%	89	YES	
7		20171CSE0008	ABDUL MUJEEB	SOE	75%	90	YES	
8		20171CSE0009	ABHI MANMOHAN	SOE	75%	90	YES	
9		20171CSE0010	ABHILASH	SOE	75%	90	YES	
10		20171CSE0011	ABHILASH S N	SOE	75%	90	YES	
11		20171CSE0012	ABHINAV NARAYANASWAMY	SOE	50%	35	YES	
12		20171CSE0013	ANUSHAA R	SOE	75%	91	NO	
13		20171CSE0014	ABHIRAM PK	SOE	75%	86	YES	
14		20171CSE0015	ABHISHEK.G.V	SOE	75%	86	YES	
15		20171CSE0016	ABHISHEK MISHRA	SOE	75%	87	YES	
16		20171CSE0018	ABRAR AKRAM	SOE	75%	88	YES	
17		20171CSE0019	ADARSH RAO E H	SOE	75%	88	YES	
18		20171CSE0020	ADAVI DILIP KUMAR YADAV	SOE	75%	89	YES	
19		20171CSE0021	ADITHYA V	SOE	75%	90	YES	
20		20171CSE0022	ADITYA G	SOE	75%	95	YES	
21		20171CSE0023	ADITYA JASON HANS	SOE	75%	92	YES	
22		20171CSE0025	AHADH SHAJAHAN	SOE	75%	92	YES	
23		20171CSE0026	AISHWARYA A S	SOE	75%	90	YES	
24		20171CSE0027	AISHWARYA VIJAY KUMAR	SOE	75%	80	YES	
25		20171CSE0028	AJAY SHARMA U	SOE	75%	78	YES	
26		20171CSE0030	AKANKSHA D	SOE	75%	78	YES	
27		20171CSE0031	AKASH J POONIA	SOE	75%	80	YES	
28		20171CSE0033	AKASH PATHAK	SOE	75%	95	YES	
29		20171CSE0035	AKSHAY A BADIGER	SOE	75%	94	YES	
30		20171CSE0036	AKSHAY KRISHNA K S	SOE	75%	94	YES	
31		20171CSE0037	AKSHAY KUMAR GUPTA	SOE	75%	92	YES	
32		20171CSE0038	AKSHITHA J A	SOE	75%	93	YES	
33		20171CSE0039	ALISHA SHAMA ANNUM A	SOE	75%	90	YES	
34		20171CSE0040	ALLAPARTHI CHARAN	SOE	75%	90	YES	
35		20171CSE0041	ALLINAGARAM AJAY	SOE	75%	91	YES	
36		20171CSE0042	ALOK KUMAR	SOE	75%	88	YES	
37		20171CSE0043	AMAAN FARAAZ	SOE	75%	15	NO	
38		20171CSE0044	AMAL M	SOE	75%	80	YES	
39		20171CSE0045	AMAN KUMAR	SOE	75%	35	NO	
40		20171CSE0046	AMBIKA REDDY	SOE	75%	25	NO	
41		20171CSE0048	AMEER AKHTAR	SOE	75%	75	YES	
42		20171CSE0049	AMINA AHMED	SOE	75%	76	YES	
43		20171CSE0051	AMITH GOUTHAM GOWDAGERE	SOE	75%	76	YES	
44		20171CSE0052	AMMATUL AZIZ	SOE	75%	78	YES	
45		20171CSE0053	AMRUTHA	SOE	75%	78	YES	
46		20171CSE0055	ANANY JOHARI	SOE	75%	20	NO	
47		20171CSE0056	ANDE.AKHIL KUMAR	SOE	75%	25	NO	
48		20171CSE0057	ANDE AMRUTHA MAHANATHI	SOE	75%	90	YES	
49		20171CSE0058	ANGAJALA VIJAY TEJA	SOE	75%	50	YES	
50		20171CSE0059	ANIL KUMAR	SOE	75%	91	YES	
51		20171CSE0061	ANIMESH KUMAR	SOE	75%	24	NO	
52		20171CSE0061	ANINDA KUNDU	SOE	75%	21	NO	
53		20171CSE0062	ANIRUDH M V	SOE	75%	22	NO	
54		20171CSE0063	ANJEET CHOUDHURY	SOE	75%	24	NO	
55		20171CSE0066	ANKITA	SOE	75%	45	NO	
56		20171CSE0067	ANKITHA SURAKSHA	SOE	75%	88	YES	
57		20171CSE0020	SUMANTH KAUSHIK K	SOE	75%	88	YES	

Name of Course Instructor 1:

Ms. Shaleen Bhatnagar

Employee ID of Course Instructor 1:

HOD\_CSE




Signature of Instructor-in-Charge

REGISTRAR  




# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering  
**Name of the Department:** Computer Science and Engineering  
**Area of Specialization:** Computer Science, Data Mining and Bioinformatics  
**Name of the Faculty Member:** Ms.Vinitha Dominic

**Title of the Value Added Course:** Introduction to Bioinformatics

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE23

## Introduction to the Course:

This course is designed to provide the knowledge of the concepts related to bioinformatics. The course is aimed at understanding the DNA and Protein sequences and databases. It also deals with Pairwise comparison and calculating the scoring matrix. Further, it focuses on Sequence Alignment techniques, discovering the Motifs in the sequence. Students will also learn the overview of Structural Bioinformatics and Genome sequencing.

**Course Outcomes: On successful completion of the course the students shall be able to :**

**C.O.1: Understand the DNA Protein sequence and structures. (Bloom's Level: Knowledge)**

**C.O.2: Explain the file formats and sequence alignments of DNA sequence. (Bloom's Level: Comprehension)**

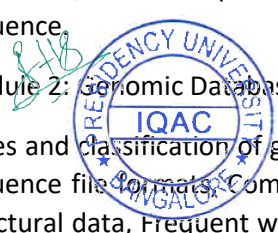
## Course Content:

**Module 1: Fundamentals of Bioinformatics (14 Hours) (Bloom's Level: Knowledge)**

Introduction to Bioinformatics, Components and fields of bioinformatics, Omics, basic principles of structural/functional analysis of biological molecules, Biological Data Acquisition, Types of DNA sequences, Protein sequencing and structure determination methods, Finding Reverse complement of a sequence.

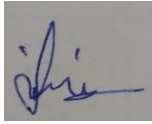
**Module 2: Genomic Database and Sequence similarity (16 Hours) (Bloom's Level: Comprehension)**

Types and Classification of genome databases, DNA sequence retrieval system, various DNA and protein sequence file formats; Common sequence file formats; Files for multiple sequence alignment; Files for structural data, Frequent words and k-mers in Text, String Reconstruction problem, Sequence Similarity searching, Significance of sequence alignments, Alignment scores and gap penalties.



*Sanne*  
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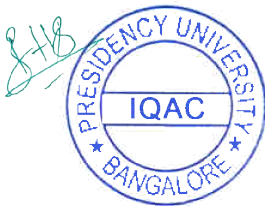


Ms. Vinita Dominic

**Name & Signature of the Faculty Member**



**HOD.**



S.No.	Roll No.	Name	VACCSE23		Ms. Vinitha Dominic																							
			21-01-2020	22-01-2020	22-01-2020	23-01-2020	25-01-2020	26-01-2020	26-01-2020	26-01-2020	27-01-2020	27-01-2020	27-01-2020	30-01-2020	30-01-2020	30-01-2020	31-01-2020	1-02-2020	2-02-2020	2-02-2020	3-02-2020	4-02-2020	6-02-2020	6-02-2020	7-02-2020	10-02-2020	10-02-2020	
1	20171CSE0068	ANKUR RAI	A	P	P	A	A	P	A	A	P	A	A	P	A	A	P	A	A	P	A	A	P	A	A	P	A	A
2	20171CSE0070	ANNAPUREDDY VENGAL RED	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
3	20171CSE0071	ANSHRUTHA I C	A	P	P	P	A	P	P	A	P	P	P	A	A	P	P	P	P	P	A	P	P	A	P	P	P	P
4	20171CSE0072	ANUKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0074	ANURADHA R	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
6	20171CSE0075	ANUSHA B NADAGERI	P	A	A	P	P	P	A	P	P	A	P	P	P	A	P	A	P	A	P	A	P	P	A	P	P	P
7	20171CSE0076	ANUSHA M	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
8	20171CSE0077	ANUSHA HANIFEE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20171CSE0078	ANUVRITH B S	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
10	20171CSE0079	APOORVA J SHETRU	A	P	P	P	A	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P	P
11	20171CSE0081	ARCHANA M P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P
12	20171CSE0082	ARFATH PASHA	A	P	P	A	A	P	A	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	20171CSE0084	ARLA SREEM SAI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
14	20171CSE0086	ARSHAD AHMED GHOURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0087	ARSHIYA ASRA	P	A	A	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	A	P	A	P	P	A	P	P
16	20171CSE0089	ARYAN SHARMA	P	A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	A	P
17	20171CSE0090	ASFIYA SULTANA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
18	20171CSE0091	ASHIRWAD KUMAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
19	20171CSE0092	ASHISH KUMAR	A	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
20	20171CSE0093	ASHISH TANWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0094	ASHUTOSH RAO CHAWAN U	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
22	20171CSE0095	ASHWATH REDDY D	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	A	P
23	20171CSE0096	ASHWIN KUMAR V	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
24	20171CSE0097	ASHWINI B MAKALE	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
25	20171CSE0098	ATHULYA S	P	A	A	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	20171CSE0099	AVULA CHANDRAKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0101	AYESHA SYED MOHAMMAD	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
28	20171CSE0102	AYESHA TASKEEN	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
29	20171CSE0103	AYSHA MUKTESAR	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	A	P	P
30	20171CSE0104	AYUSH A	A	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
31	20171CSE0105	AZRA BANU	A	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
32	20171CSE0106	B SAI LAXMAN	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
33	20171CSE0107	B SRAVANI	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	A	P
34	20171CSE0108	AKSHAY B	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	A	P
35	20171CSE0109	BALAM LAKSHMI	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	A	P
36	20171CSE0114	BANU KUMAR S	P	P	P	P	P	A	P	A	P	P	P	P	A	A	P	P	A	P	P	P	A	P	P	P	P	P
37	20171CSE0115	BARRENKALA SIVA CHAITHAN	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	A	P
38	20171CSE0116	BASIM ALTHAF	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
39	20171CSE0117	BATTA SARATH KUMAR	A	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P
40	20171CSE0121	BESTHA SRIHARI	A	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
41	20171CSE0122	BEULAH P	A	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20171CSE0123	BHAGYA V T	A	P	P	P	A	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
43	20171CSE0125	BHARAT SINGH	P	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
44	20171CSE0126	BHAT GANESH CHANDRASHE	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P
45	20171CSE0127	BHAVANA H	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
46	20171CSE0128	BHAYAMA	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
47	20171CSE0130	BHOOMIKA M	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0131	BHOOMIKA S BABU	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
49	20171CSE0132	BHOOMIKA S NAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0136	BOGGAVAHINI VENKAT	A	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0137	BOGGAVANATHU DHIVIRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0139	BOMMINENI SOVAMMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0140	BUNDA H Y	A	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
54	20171CSE0141	BURUNDAM	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0142	CHANDRANAL DEEKSHITHA	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20171CSE9001	MRIDUL TOMAR	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
57	20171CSE9021	T N SHASHANK	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Ms. Vinitha Dominic  
Course Instructor

HOD

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**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE23		Academic Year :2021-2022			2021-2022	
Course Name :		Introduction to Bioinformatics			Semester :3rd,5th,7th		5th	
					Instructor-in-Charge Name :		Ms.Vinitha Dominic	
					Instructor-in-Charge Employee ID :			
S. No	UID No	Roll No	Name	School School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0068	ANKUR RAI	SOE	24%	22	NO	
2		20171CSE0070	ANNAPUREDDY VENGAL REDDY	SOE	75%	75	YES	
3		20171CSE0071	ANSHRUTHA I C	SOE	75%	78	YES	
4		20171CSE0072	ANUKA	SOE	75%	70	YES	
5		20171CSE0074	ANURADHA R	SOE	75%	87	YES	
6		20171CSE0075	ANUSHA B NADAGERI	SOE	75%	72	YES	
7		20171CSE0076	ANUSHA M	SOE	75%	82	YES	
8		20171CSE0077	ANUSHA HANIFEE	SOE	75%	85	YES	
9		20171CSE0078	ANUVRITH B S	SOE	75%	67	YES	
10		20171CSE0079	APOORVA J SHETRU	SOE	75%	84	YES	
11		20171CSE0081	ARCHANA M P	SOE	75%	79	YES	
12		20171CSE0082	ARFATH PASHA	SOE	22%	11	NO	
13		20171CSE0084	ARLA SREEM SAI	SOE	75%	23	YES	
14		20171CSE0086	ARSHAD AHMED GHOURI	SOE	75%	63	YES	
15		20171CSE0087	ARSHIYA ASRA	SOE	75%	51	YES	
16		20171CSE0089	ARYAN SHARMA	SOE	75%	76	YES	
17		20171CSE0090	ASFIYA SULTANA	SOE	75%	68	YES	
18		20171CSE0091	ASHIRWAD KUMAR	SOE	75%	70	YES	
19		20171CSE0092	ASHISH KUMAR	SOE	75%	53	YES	
20		20171CSE0093	ASHISH TANWAR	SOE	75%	77	YES	
21		20171CSE0094	ASHUTOSH RAO CHAWAN U	SOE	75%	85	YES	
22		20171CSE0095	ASHWATH REDDY D	SOE	75%	38	YES	
23		20171CSE0096	ASHWIN KUMAR V	SOE	75%	83	YES	
24		20171CSE0097	ASHWINI B MAKALE	SOE	75%	37	YES	
25		20171CSE0098	ATHULYA S	SOE	75%	82	YES	
26		20171CSE0099	AVULA CHANDRAKANTH	SOE	75%	66	YES	
27		20171CSE0101	AYESHA SYED MOHAMMAD	SOE	75%	77	YES	
28		20171CSE0102	AYESHA TASKEEN	SOE	75%	80	YES	
29		20171CSE0103	AYSHA MUKTESAR	SOE	75%	76	YES	
30		20171CSE0104	AYUSH A	SOE	75%	90	YES	
31		20171CSE0105	AZRA BANU	SOE	75%	81	YES	
32		20171CSE0106	B SAI LAXMAN	SOE	75%	72	YES	
33		20171CSE0107	B SRAVANI	SOE	75%	83	YES	
34		20171CSE0108	AKSHAY B	SOE	75%	65	YES	
35		20171CSE0109	BALAM LAKSHMI	SOE	75%	52	YES	
36		20171CSE0114	BANU KUMAR S	SOE	75%	66	YES	
37		20171CSE0115	BARRENKALA SIVA CHAITHANYA	SOE	75%	27	NO	
38		20171CSE0116	BASIM ALTHAF	SOE	75%	69	YES	
39		20171CSE0117	BATTA SARATH KUMAR	SOE	22%	12	NO	
40		20171CSE0121	BESTHA SRIHARI	SOE	24%	29	NO	
41		20171CSE0122	BEULAH P	SOE	75%	70	YES	
42		20171CSE0123	BHAGYA V T	SOE	75%	69	YES	
43		20171CSE0125	BHARAT SINGH	SOE	75%	36	YES	
44		20171CSE0126	BHAT GANESH CHANDRASHEKAR	SOE	75%	78	YES	
45		20171CSE0127	BHAVANA N	SOE	75%	73	YES	
46		20171CSE0128	BHAVANA S	SOE	23%	22	NO	
47		20171CSE0130	BHOOMIKA M	SOE	43%	35	NO	
48		20171CSE0131	BHOOMIKA S BABU	SOE	75%	80	YES	
49		20171CSE0132	BHUMIKA K NAIK	SOE	75%	65	YES	
50		20171CSE0136	BOGADULA VENKATESH KUMAR	SOE	75%	70	YES	
51		20171CSE0138	BOGGAVARAPU PRUDHVI RAJ	SOE	25%	0	NO	
52		20171CSE0139	BOMMINENI SOWMYA	SOE	25%	0	NO	
53		20171CSE0140	BRUNDA H Y	SOE	25%	0	NO	
54		20171CSE0142	BRUNDA M	SOE	25%	0	NO	
55		20171CSE0142	BULCHUPALLI DEEKSHITHA	SOE	25%	0	NO	
56		20171CSE9001	MRIDUL TOMAR	SOE	25%	0	NO	
57		20171CSE9001	T N SHASHANK	SOE	75%	0	NO	

Name of Course Instructor 1:

Ms.Vinitha Dominic

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

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**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** IOT, DBMS, and Machine Learning

**Name of the Faculty Member:** Ms.Divya, Assistant Professor, CSE

**Title of the Value Added Course:** Introduction to UI/UX Designing

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE24

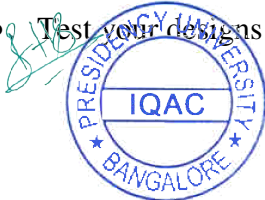
**Introduction to the Course:**

This course intends to develop both UX (User Experience) and UI (User Interface) design skills. As a UI/UX designer, you'll create designs that affect a user's experience when interacting with a particular product or system to influence the user's behaviors and perceptions. Gain an understanding of the critical elements of the design process.

You would embark on a journey to gain the skills you'll need to break into the dynamic UI/UX industry. By the end of this course, you'll be adept at user research, a pro at wireframing, a wizard with UI, and prepared to problem-solve for any project that gets thrown at you.

**Course Outcomes: On successful completion of the course the students shall be able to :**

- Conduct user research and identify design problems
- Sketch solutions, design wireframes, build high-fidelity mockups and create prototypes
- Use UI elements and patterns to create delightful and easy-to-use designs
- Test your designs



## Course Contents

### Module 1: Introduction to UX and UI Design

[10 Hours]

1. What is User Experience?
2. UI vs. UX Design
3. Design Roles
4. Design Tools and UI Practice

### Module 2: Design Thinking

[10 hours]

1. Design Thinking as a Mindset
2. Empathy
3. Define
4. Ideate
5. Prototype
6. Test
7. Divergent and Convergent Thinking
8. Affinity Mapping & Observational Empathy

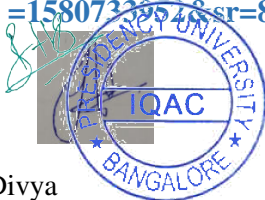
### Module 3: Product Types: Typical Problems and Solutions

[10 hours]

1. E-commerce/Browsing
2. Social media and messaging
3. Dashboards and data design
4. Media
5. B2B vs. B2C products

### Reference:

1. <https://youtu.be/Ovj4hFxko7c>
2. <https://dribbble.com/stories/2019/01/18/what-is-ui-design>
3. <https://www.invisionapp.com/inside-design/essential-steps-designing-empathy/>
4. [https://www.amazon.in/Universal-Principles-Design-Revised-Updated/dp/1592535879/ref=sr\\_1\\_1?keywords=Universal+Principles+of+Design&qid=1580732254&sr=8-1](https://www.amazon.in/Universal-Principles-Design-Revised-Updated/dp/1592535879/ref=sr_1_1?keywords=Universal+Principles+of+Design&qid=1580732254&sr=8-1)



Ms.Divya  
Name &Signature of the Faculty Member

A handwritten signature in black ink, appearing to be 'Shrey'.

Approval by Program Head

A handwritten signature in green ink, appearing to be 'Sanna', is written over a circular blue stamp. The stamp is from the Registrar of Presidency University, Bangalore, and contains the text 'REGISTRAR' and 'Registrar' in the center, 'PRESIDENCY UNIVERSITY' around the top inner edge, and 'BANGALORE' around the bottom inner edge. There are also two small stars on either side of the word 'BANGALORE'.



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE24			Semester :3rd,5th,7th		2019-20	
Course Name :		Introduction to UI/UX Designing			Instructor-in-Charge Name :		5th	
					Instructor-in-Charge Employee ID :		Ms.Divya	
S. No	UID No	Roll No	Name	School SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0144	CARASALA POOJA	SOE	24%	22	YES	
2		20171CSE0145	CASTRO K JOSEPH	SOE	75%	75	YES	
3		20171CSE0146	CHAITANYA DOREYAWAR	SOE	95%	78	YES	
4		20171CSE0147	CHAITANYA R	SOE	75%	70	YES	
5		20171CSE0148	CHAITHANYA L	SOE	75%	87	YES	
6		20171CSE0149	CHAITRA P	SOE	95%	72	YES	
7		20171CSE0152	CHALLA SUMANTH	SOE	75%	82	YES	
8		20171CSE0153	CHANDAN A R	SOE	75%	85	YES	
9		20171CSE0154	CHANDANA V	SOE	75%	67	YES	
10		20171CSE0155	CHANDAN C R	SOE	93%	84	YES	
11		20171CSE0156	CHANDAN D P	SOE	75%	79	YES	
12		20171CSE0157	CHANDAN R	SOE	22%	11	NO	
13		20171CSE0158	AALIYA DANKA HAQUE	SOE	75%	23	YES	
14		20171CSE0159	CHANDANA P S	SOE	75%	63	YES	
15		20171CSE0161	CHANDINI N	SOE	75%	51	YES	
16		20171CSE0162	CHANDRIMA GHOSH	SOE	75%	76	YES	
17		20171CSE0163	CHARULATHA S	SOE	75%	68	YES	
18		20171CSE0164	CHATRATHI BHARGAV RAM	SOE	75%	70	YES	
19		20171CSE0166	CHETAN SINGH M	SOE	75%	53	YES	
20		20171CSE0167	CHETHAN S	SOE	87%	77	YES	
21		20171CSE0168	CHETHANA U	SOE	75%	85	YES	
22		20171CSE0170	CHINTA SUDHEER KUMAR	SOE	75%	38	YES	
23		20171CSE0171	CHINTHAPATLA PAVAN KALYA	SOE	75%	83	YES	
24		20171CSE0172	SYED UMER MAQSOOD	SOE	75%	37	YES	
25		20171CSE0175	DATLA MOHANA TEJASRI	SOE	76%	82	YES	
26		20171CSE0176	DEEPIKA E	SOE	75%	66	YES	
27		20171CSE0177	DEVIKA RAJESH	SOE	75%	77	YES	
28		20171CSE0179	DIGANTH V	SOE	59%	80	YES	
29		20171CSE0180	DILIP KUMAR T	SOE	75%	76	YES	
30		20171CSE0181	DILIP Y	SOE	75%	90	YES	
31		20171CSE0182	DIMPU M GOWDA	SOE	75%	81	YES	
32		20171CSE0183	DINESH K	SOE	75%	72	YES	
33		20171CSE0184	DIVAKAR S BHAT	SOE	75%	83	YES	
34		20171CSE0185	DIVYA C	SOE	84%	65	YES	
35		20171CSE0186	DIVYA R	SOE	75%	52	YES	
36		20171CSE0188	DONTHIREDDY SRAVANI REDDI	SOE	75%	66	YES	
37		20171CSE0189	DUDYALA PRANAVA SAI REDDI	SOE	75%	27	NO	
38		20171CSE0192	EMMADI TEJA SUBRAMANYAM	SOE	75%	69	YES	
39		20171CSE0193	ERAGAMREDDY SAI YASWANTH	SOE	22%	12	NO	
40		20171CSE0194	ERAGANABOINA SAIKIRAN	SOE	24%	29	NO	
41		20171CSE0195	FARAAZ AHMED	SOE	75%	70	YES	
42		20171CSE0196	FARDEEN KHAN S	SOE	75%	69	YES	
43		20171CSE0197	FARHAN AHMED	SOE	75%	36	YES	
44		20171CSE0198	FAYAZULLA KHAN	SOE	67%	78	YES	
45		20171CSE0200	G AJAY CHANDRA	SOE	59%	73	YES	
46		20171CSE0202	G CHARAN PRAKASH	SOE	23%	22	NO	
47		20171CSE0203	G NIKITHA	SOE	43%	35	NO	
48		20171CSE0204	GADDAM NIRNAY REDDY	SOE	75%	80	YES	
49		20171CSE0206	GAGAN G	SOE	75%	65	YES	
50		20171CSE0207	GAGAN K R	SOE	75%	70	YES	
51		20171CSE0209	GAGAN R	SOE	25%	30	NO	
52		20171CSE0210	GAGANENDRA R	SOE	25%	53	NO	
53		20171CSE0211	GAGAJALA BHAVANA	SOE	25%	77	NO	
54		20171CSE0213	GAGAN DIKOTA OBULESH	SOE	25%	34	NO	
55		20171CSE0216	GANGADHAR D N	SOE	25%	38	NO	
56		20171CSE0002	KIRAN K	SOE	25%	83	YES	
57		20181LC0001	SUBHAJEET ROY	SOE	75%	70	YES	
58		20171CSE0922	SUNIL REDDY				YES	

Name of Course Instructor 1:

Ms.Divya

HOD\_CSE

Signature of Instructor-in-Charge

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# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Programming

**Name of the Faculty Member:** Ms. Sudha Y

**Title of the Value Added Course:** Java Design Pattern

**Course Duration:** [ 30 hours]

**Course Code:** Ms. Sudha Y

**Introduction to the Course:**

This Course is designed for students who have prior programming experience. In this course, Students will learn various design pattern utilized in java project , an industrial approach of java project development.

**Topics include:** Basic Java concepts, Java Design Patterns

**Prerequisites:** Basics understand of problem Solving, programming skills(Java), Data Structures.

**Course Outcomes:** On successful completion of the course the students shall be able to :

**01:** Enhance Problem solving and programming skills by solving challenges in Hackerrank

**02:** Apply Design Pattern in object oriented programming

**03** Apply Java Programming skills

## Course Content

### Module 1: Problem Solving Lab

[10 Hours]

Topics covered

1. Java Class and Object
2. Inheritance
3. Polymorphism

### Module 2: Creational Design Pattern

[8 Hours]

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1. Factory Design Pattern
2. Abstract Factory Design Pattern
3. Singleton Design Pattern

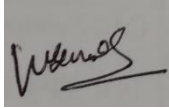
**Module 3: Structural Design Pattern**

**[8 Hours]**

1. Adapter Design Pattern
2. Bridge Design Pattern
3. Structural Design Pattern

**Reference:**

1. <http://www.geeksforgeek.com>
2. Design Pattern using Java by Eric Freeman & Elizabeth Robson

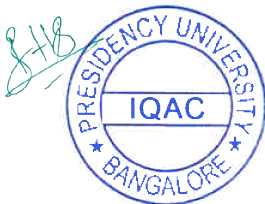


Ms. Sudha Y

**Name & Signature of the Faculty Member**



**Approval by Program Head**





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE25			2019-20			
Course Name :		Java Design Pattern			Semester :3rd,5th,7th		5th	
					Instructor-in-Charge Name :		Ms. Sudha Y	
					Instructor-in-Charge Employee ID :			
S. No	UID No	Roll No	Name	School SoE/SoE(SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0217	GARAPATI PRAKASH	SOE	24%	22	NO	
2		20171CSE0218	GAURAV CHETRY	SOE	75%	75	YES	
3		20171CSE0219	GAURAV PANDEY	SOE	95%	38	NO	
4		20171CSE0220	GAUTAM M	SOE	75%	70	YES	
5		20171CSE0222	GEETANJALI MULLAPUDI	SOE	75%	87	YES	
6		20171CSE0223	GODELA TEJODEEP	SOE	95%	72	YES	
7		20171CSE0224	GOLLA KRISHNA CHAITANYA	SOE	75%	82	YES	
8		20171CSE0225	GOPINETI SUMANTH KUMAR	SOE	75%	85	YES	
9		20171CSE0226	GOUTHAM B G	SOE	75%	57	NO	
10		20171CSE0228	GOWTHAM T P	SOE	93%	44	NO	
11		20171CSE0230	GUDIPUDI VENKATA NAGA SA	SOE	75%	32	NO	
12		20171CSE0233	GURUNANJE WODEYAR M G	SOE	22%	78	YES	
13		20171CSE0235	H B HEENA	SOE	75%	98	YES	
14		20171CSE0236	HAFAH ISHAQ	SOE	75%	34	NO	
15		20171CSE0237	HARDIK CHAWDA	SOE	75%	51	YES	
16		20171CSE0238	HARIHARAN P	SOE	75%	76	YES	
17		20171CSE0239	HARINI SATISH	SOE	75%	68	YES	
18		20171CSE0240	HARIPRASAD R	SOE	75%	70	YES	
19		20171CSE0242	HARSHA M	SOE	75%	53	YES	
20		20171CSE0243	HARSHITH K S	SOE	87%	77	YES	
21		20171CSE0244	HARSHITHA K	SOE	75%	85	YES	
22		20171CSE0245	HEMALATHA N	SOE	75%	67	YES	
23		20171CSE0246	HEMALEKHA R	SOE	75%	83	YES	
24		20171CSE0247	HEMANTH KUMAR K	SOE	75%	87	YES	
25		20171CSE0248	HIBBAH AMJED	SOE	76%	82	YES	
26		20171CSE0249	HISHAAM ABID	SOE	75%	66	YES	
27		20171CSE0250	HITHAISHREE J	SOE	75%	77	YES	
28		20171CSE0251	HUZAIF KHAN	SOE	59%	23	NO	
29		20171CSE0252	IMMANUEL ROBIN M	SOE	75%	76	YES	
30		20171CSE0253	INDUSHREE VISHWANATH REV	SOE	75%	90	YES	
31		20171CSE0254	ISHANTH S G	SOE	75%	81	YES	
32		20171CSE0255	J NANDITA	SOE	75%	72	YES	
33		20171CSE0256	J S PAVAN	SOE	75%	83	YES	
34		20171CSE0257	JAGADEESH M	SOE	84%	65	YES	
35		20171CSE0258	JAGGA RANGAVINAY TEJA RO	SOE	75%	52	YES	
36		20171CSE0259	JALLEPALLI NITHIN	SOE	75%	66	YES	
37		20171CSE0260	JAMBAPURAM NEERAJ KUMAR	SOE	75%	27	NO	
38		20171CSE0261	JANANI N	SOE	75%	69	YES	
39		20171CSE0262	JAPNEET SINGH	SOE	22%	87	YES	
40		20171CSE0263	JASEENA ARIF	SOE	24%	29	NO	
41		20171CSE0264	JASHWANTH VARMA A	SOE	75%	34	NO	
42		20171CSE0265	JASIM SADIQUE	SOE	75%	24	NO	
43		20171CSE0267	JEEVAN V	SOE	75%	45	NO	
44		20171CSE0268	JENNIFER A	SOE	67%	78	YES	
45		20171CSE0269	JIBIN REJI	SOE	59%	73	YES	
46		20171CSE0270	JIDHIN THOMAS	SOE	23%	65	YES	
47		20171CSE0271	JOEL REGO	SOE	43%	78	YES	
48		20171CSE0273	JOSHIKA K M	SOE	75%	80	YES	
49		20171CSE0274	JOSHNA MARIYA JOSE	SOE	75%	65	YES	
50		20171CSE0275	JOSHNA VM	SOE	75%	70	YES	
51		20171CSE0276	JULURI SAI RAHUL	SOE	25%	30	YES	
52		20171CSE0277	JUNAID MUSHTAQ DAR	SOE	25%	53	YES	
53		20171CSE0279	JUSTIN P JOSE	SOE	25%	14	NO	
54		20171CSE0280	JYOTHSNA K	SOE	25%	35	NO	
55		20171CSE0281	JYOTI RAI	SOE	25%	38	YES	
56		20171CSE9008	JAFSAR KHAN ASLAM KHAN	SOE	25%	12	NO	
57		20171CSE9002	TEJASWINI C RENDALE	SOE	75%	23	NO	

Name of Course Instructor 1:

Ms. Sudha Y

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge



# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:**

**Name of the Faculty Member:** Mr. Rama krishna K

**Title of the Value Added Course:** Introduction to ExpressJS

**Course Duration:** [ 30 hours] [From Feb 10 to March 10]

**Course Code:** VACCSE2

**Introduction to the Course:** ExpressJS is a popular webserver platform based on NodeJS platform. The server has the advantages of NodeJS which makes it lightweight and have high throughput compared to existing web servers. This course will be a good starting point for those who are interested in learning Javascript based full stack and we will be focusing on the backend.

**Prerequisite:** HTML and Javascript basic knowledge

**Course Outcomes:** On successful completion of the course the students shall be able to :

**CO1.** Understanding of NodeJS platform

**CO2.** Ability to built server side applications using ExpressJS

**CO3.** Ability to connect serverside applications to database

**Course Content:** [Briefly mention all the important topics to be covered in this course]

## JavaScript Basics(10 hrs)

JavaScript in a Nutshell, Refreshing the Core Syntax, let & const, Understanding Arrow Functions, Working with Objects, Properties & Methods, Arrays & Array Methods, Arrays, Objects & Reference Types, Understanding Spread & Rest Operators, Destructuring, Async Code & Promises

## Node JS Basics(8hrs)

Local Development Environment Overview, Node JS Overview, Node JS Package Manager(NPM) overview, NPM RC setup

Hello World Node JS, Built-in Modules- FS Module, HTTP Module, Global Module, Events.

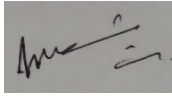
## Understanding ExpressJS(5)

Introduction to ExpressJS, Basic Setup, Server Setup, Middleware.

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**Web App Components(5)**

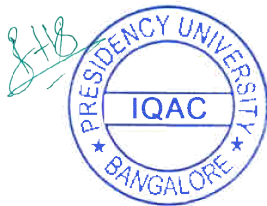
Routing, GET & POST Methods, PUT and DELETE, Request and Response Methods, Sessions and Cookies.



Mr. Rama Krishna K  
**Name & Signature of the Faculty Member**



**Approval by Program Head**



S.No.	Roll No.	Name	VACCSE28										Mr. Rama krishna K															
			21-01-2020	22-01-2020	22-01-2020	23-01-2020	25-01-2020	26-01-2020	26-01-2020	27-01-2020	27-01-2020	27-01-2020	30-01-2020	30-01-2020	30-01-2020	31-01-2020	1-02-2020	2-02-2020	2-02-2020	3-02-2020	4-02-2020	6-02-2020	6-02-2020	7-02-2020	6-02-2021	7-02-2021	6-02-2022	7-02-2022
1	20171CSE0345	LOKESH KUMAR B	P	P	A	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0346	M J HANSI REDDY	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20171CSE0347	M PRAJWALMADHAV	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
4	20171CSE0350	M SUMANTH SHARMA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0352	MADAMAN CHIREETHU	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
6	20171CSE0353	MADANKUMARM	A	A	A	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	A	P
7	20171CSE0354	MADHAVI C S	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
8	20171CSE0355	MADHU SUDANV	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
9	20171CSE0356	MADHUMITA DAS	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
10	20171CSE0357	MADHUMITHA V	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	A	P
11	20171CSE0358	MADHUSHREE M	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
12	20171CSE0359	MAHESHA R	P	P	P	A	A	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
13	20171CSE0361	MALEPATI MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
14	20171CSE0362	MALIK UL ASHTAR K MALAMPAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0364	MALLU MANIVARDHANREDDY	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P	A	P
16	20171CSE0365	MANASAS K	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	P	P	P	P
17	20171CSE0366	MANEESH K	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
18	20171CSE0368	MANI SMARAN NAIR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
19	20171CSE0369	MANISH B PATEL	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
20	20171CSE0371	MANMOHAN SARDARBUGADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0372	MANOHARY S	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A
22	20171CSE0374	MANOJ KUMAR K N	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P
23	20171CSE0375	MANOJ S	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P
24	20171CSE0376	MANOJ S M	P	P	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P
25	20171CSE0377	MANORANJAN KUNCHUR	P	A	P	P	P	A	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	A	P
26	20171CSE0378	MANSI GOUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0379	MARIAALLENDAVID	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
28	20171CSE0380	MARINENI UMAPATHI	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
29	20171CSE0381	MAROOFHASAN	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	A	A	P	P	P	P	A
30	20171CSE0382	MARREDDY DEVA SUBRAHMANN	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
31	20171CSE0383	MD SHABAZ KHAN	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
32	20171CSE0384	MD. DANISH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
33	20171CSE0385	MEDAPRAJWAL	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	P	P	P
34	20171CSE0386	MEDAPATI NAGENDRA SATYAN	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	A	P	A	P	P	A
35	20171CSE0387	MEDHA M H	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	A	A	P	P	P	P
36	20171CSE0389	MEGHA K S	A	P	P	P	P	A	A	P	P	P	P	A	A	P	P	A	P	P	A	P	P	P	P	P	A	A
37	20171CSE0391	MEGHANA VV	P	P	P	P	P	A	P	A	P	P	P	P	A	A	P	A	P	P	P	P	A	A	P	P	P	A
38	20171CSE0392	MEHEKKHANUM	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P
39	20171CSE0394	MIR MOHAMMEDRASHAD DANIA	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
40	20171CSE0396	MISBA MUKHTAR	P	P	A	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P
41	20171CSE0397	MUSTU SRIRAJASIMHAREDDY	P	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
42	20171CSE0398	MUTU BHANU DASKUNDAPUR	P	P	A	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
43	20171CSE0399	MOHAMMED SHAIKH SHABASLAN	P	P	P	A	P	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	A	P	P
44	20171CSE0400	AJAY KIRAN S	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	A	P	A	P
45	20171CSE0401	MOHAMMED FAIZ N ASHRAF A	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P	A	P
46	20171CSE0404	MOHAMMED SUJAN	P	P	A	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
47	20171CSE0405	SALANUSHA MAJAYANAM	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0406	MOHAMMED SHIQAM	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
49	20171CSE0407	MOHAMMED MO KARRAM AQIB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0408	MOHAMMED FAIZAN	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0411	MOHAMMED NAYEEMN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0412	MOHAMMED NIHAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0413	MOHAMMED RAYYAN YUSUFI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
54	20171CSE0414	MOHAMMED RUMAN	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0415	MOHAMMEDSHUAIB	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P
56	20181LC50005	ANUPAMA U	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P

Mr. Rama krishna K  
Course Instructor

HOD

REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE28		Academic Year :2021-2022			2019-20	
Course Name :		Introduction to ExpressJS		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Mr. Rama krishna K	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol- etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0416	MOHAMMEDUMARRAEHAN	SOE	75%	65	NO	
2		20171CSE0417	MOHAMMEDUSAMA	SOE	75%	75	YES	
3		20171CSE0418	MOHITHG C	SOE	75%	78	YES	
4		20171CSE0419	MOHSIN IMAM	SOE	75%	70	YES	
5		20171CSE0420	MOPURI YAMINIREDDY	SOE	75%	87	YES	
6		20171CSE0421	MUDASIR M	SOE	75%	72	YES	
7		20171CSE0422	MULLAGURURAHUL	SOE	75%	82	YES	
8		20171CSE0423	MUNGANDI YESWANTH KUMAR	SOE	75%	85	YES	
9		20171CSE0424	MUPPURUVENKATANAGAPRAGNA	SOE	75%	67	YES	
10		20171CSE0425	MUSAIBMANZOOR	SOE	75%	84	YES	
11		20171CSE0428	NNITEESHKUMAR	SOE	75%	79	YES	
12		20171CSE0429	NSAI SIVATEJA	SOE	75%	11	NO	
13		20171CSE0430	NSAMUEL	SOE	75%	23	YES	
14		20171CSE0432	NABEELASAMREEN	SOE	75%	63	YES	
15		20171CSE0433	NADEEM KHAN	SOE	75%	51	YES	
16		20171CSE0434	NAGASHREE R	SOE	75%	76	YES	
17		20171CSE0435	NAHEEM K A	SOE	75%	68	YES	
18		20171CSE0437	NALINAR	SOE	75%	70	YES	
19		20171CSE0438	NANDAN M	SOE	75%	53	YES	
20		20171CSE0440	NARASRAVANI	SOE	75%	77	YES	
21		20171CSE0441	NARASIMHA M N	SOE	75%	85	YES	
22		20171CSE0443	NASIB KUMAR	SOE	75%	38	YES	
23		20171CSE0444	NAVEENBASAVARAJTAVARAGONDI	SOE	75%	83	YES	
24		20171CSE0445	NAVEEN KUMARREDDY G	SOE	75%	37	YES	
25		20171CSE0446	NAVYAA	SOE	75%	82	YES	
26		20171CSE0447	NAVYASHREEV N	SOE	75%	66	YES	
27		20171CSE0448	NAYANA R	SOE	75%	77	YES	
28		20171CSE0449	NAYANASHREE B	SOE	75%	80	YES	
29		20171CSE0451	NAZIYASULTANA	SOE	75%	76	YES	
30		20171CSE0453	NEHA SINGH M	SOE	75%	90	YES	
31		20171CSE0454	NEHAU	SOE	75%	81	YES	
32		20171CSE0455	NEHA V	SOE	75%	72	YES	
33		20171CSE0456	NEHALFERNANDES	SOE	75%	83	YES	
34		20171CSE0457	NETHIBOTTU RAJU	SOE	75%	65	YES	
35		20171CSE0458	NETHRA S	SOE	75%	52	YES	
36		20171CSE0460	NIHAAL THAHIR K	SOE	75%	66	YES	
37		20171CSE0461	NIKHIL ANAND	SOE	75%	27	NO	
38		20171CSE0462	NIKHIL R	SOE	75%	69	YES	
39		20171CSE0463	NIKITHA R	SOE	75%	57	NO	
40		20171CSE0464	NIKITHAPRAKASHMAHALE	SOE	75%	29	NO	
41		20171CSE0465	NIKITHA V	SOE	75%	70	YES	
42		20171CSE0466	NIRAVGULIA	SOE	75%	69	YES	
43		20171CSE0467	NISHANTH R	SOE	75%	36	YES	
44		20171CSE0468	NITHIN P	SOE	75%	78	YES	
45		20171CSE0469	NITINGAUTAM	SOE	75%	73	YES	
46		20171CSE0470	NUWIKAR REDDY	SOE	75%	46	NO	
47		20171CSE0471	OTTIKUNTA LOHITH	SOE	75%	35	NO	
48		20171CSE0472	OWAISAHMED	SOE	75%	80	YES	
49		20171CSE0473	P ASHWINI	SOE	75%	35	YES	
50		20171CSE0474	P HEMANTH REDDY	SOE	75%	64	YES	
51		20171CSE0476	P MOHAMMAD SHAREEF	SOE	75%	0	NO	
52		20171CSE0478	P SHREYASH KUMAR	SOE	75%	0	NO	
53		20171CSE0479	PAG DIVENKATAYOGESHWAR	SOE	75%	0	NO	
54		20171CSE0480	PALLAPOTHUVAISHNAV	SOE	75%	0	NO	
55		20171CSE0481	PALLAVIV	SOE	75%	0	NO	
56		20171CSE0485	MANJU S	SOE	75%	0	NO	
57		201811CSE0006	UMRAZHUSSAIN	SOE	75%	0	NO	

Name of Course Instructor 1:

Mr. Rama krishna K

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge

REGISTRAR





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Cryptography

**Name of the Faculty Member:** Dr. Rudresh Deepak Shirwaikar

**Title of the Value-Added Course:** Basics- Robotic Process Automation (UiPath)

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE29

**Course Description:**

The tasks completed in this laboratory course will enable the students to demonstrate RPA (Robotic Process Automation) Technology on UiPath Platform. These tasks will lay foundation for the students to explore RPA technology for complex problems. This course enables the students to develop Confidence and ability to tackle unfamiliar problems, The ability to write, debug the code with UiPath Automation Technology.

**Course Outcomes:** On successful completion of the course the students shall be able to

**C.O. 01.** Demonstrate Automation with UiPath Technology

**C.O. 02.** Analyze the Complex UiPath Automation syntax

**Course Content:**

**Section 1:**

1. Programming Basics which are relevant to RPA
2. Basic Programming concept review
3. Basic computing and programming concepts from an RPA perspective

**Section 2:**

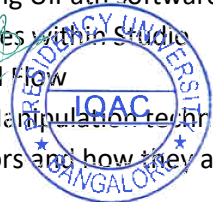
1. Basic RPA Concepts
2. Applying RPA
3. RPA deployments: Business and management considerations

**Section 3:**

1. UiPath Introduction & Basics
2. Installing UiPath software and required extensions for the course
3. Variables within Studio
4. Control Flow
5. Data Manipulation techniques
6. Selectors and how they are applied in UiPath Studio

**Section 4 :**

1. UiPath Advanced concepts and application
2. Image, Text, and Data Tables Automation in Studio
3. Automating Citrix, PDF, and Email

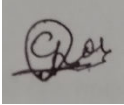


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BANGALORE



4. Exception handling
5. Project Organization best practice
6. UiPath Orchestrator
7. AI/ML implementation in RPA
8. RPA's future

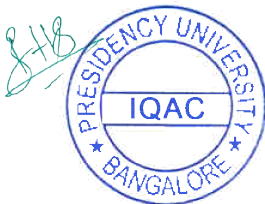
**Watch this videos to know what RAP can do**



Dr. Rudresh

**Name & Signature of the Faculty Member**

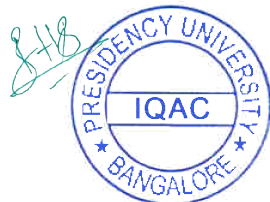
**Approval by HOD.**



S.No	Roll No.	Name	VACCSE29																			
			Dr. Rudresh																			
			25-01-2020	26-01-2020	26-01-2020	27-01-2020	27-01-2020	30-01-2020	30-01-2020	30-01-2020	31-01-2020	1-02-2020	2-02-2020	2-02-2020	3-02-2020	4-02-2020	6-02-2020	6-02-2020	7-02-2020	10-02-2020	10-02-2020	
1	20171CSE0483	PAMIREDDYRAJASEKHARREDDY	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0484	PANDRAJU SUBODH DWARAKAR	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20171CSE0485	PAPIREDDYPALLI NIDHARSAN RE	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
4	20171CSE0486	PARAS TOMAR	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
5	20171CSE0487	PARIKSHITH WALLISH PARASHAR	P	P	A	A	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
6	20171CSE0488	PARIMI BHARATH	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
7	20171CSE0489	PARNA HK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	20171CSE0491	PASANGGURUNG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20171CSE0495	PATHAKAMURI HARIPRIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
10	20171CSE0496	PATHAN ASLAM KHAN	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P
11	20171CSE0498	PAVAN YADAV M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
12	20171CSE0499	PAVITHRA G	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
13	20171CSE0500	PAVITHRAK	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
14	20171CSE0502	PILLI VARSHITA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0504	POCHA JAGANMOHAN REDDY	P	P	A	A	P	P	P	P	A	P	P	P	P	A	P	P	P	A	A	P
16	20171CSE0505	POCHAMREDDY SOWMYAREDDY	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	A	P
17	20171CSE0506	POLARPU SREERAMULU	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
18	20171CSE0510	POOJA R	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
19	20171CSE0511	POOJA Y	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	20171CSE0512	POORNIMA K N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0515	POTTURUDHARANI	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
22	20171CSE0516	PRACHI SRIVASTAVA	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
23	20171CSE0517	PRAHALAD GOUD K R	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
24	20171CSE0518	PRAJWAL GOWDAS	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
25	20171CSE0519	PRAJWAL M S	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
26	20171CSE0520	PRAJWAL P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0521	PRAJWAL P MUJUMDAR	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
28	20171CSE0522	PRAKRUTHIGOWDA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
29	20171CSE0523	PRAKYATH SARYA	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P
30	20171CSE0524	PRAMUKH N S	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
31	20171CSE0525	PRAHANTH KUMARSAH	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32	20171CSE0526	PRAHASTHIN G	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
33	20171CSE0527	PRATEEK K V	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	A	P
34	20171CSE0528	PRATEEKSHAM	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P
35	20171CSE0529	PRATHYAKSHIN P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	P
36	20171CSE0530	PRATIKSHAM O	P	A	A	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P
37	20171CSE0531	PRAVEENKUMARSUGREEVU	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
38	20171CSE0532	PREETHAM D	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
39	20171CSE0533	PREETHIM T	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
40	20171CSE0534	PREETHIM V	A	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
41	20171CSE0536	PRIYANKAA	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20171CSE0538	PRIYANKAG H	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
43	20171CSE0539	PRIYANKAH S	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A
44	20171CSE0540	PRIYANKAP S	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A
45	20171CSE0541	PULLUGU SAIKRISHNA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
46	20171CSE0543	PUSHPALATHAS	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
47	20171CSE0544	PUSHYARAGINIKOPPULA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0545	R THIRACY LOURDUMARY	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
49	20171CSE0546	RVIVEK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0547	RAAVIRAMCHARAN	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0548	RACHANAP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0549	RACHANA V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0550	RACHEL SANDRA R	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
54	20171CSE0551	RACHINASHAH	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0552	RADHA RADHA	P	P	P	P	P	P	A	A	P	P	A	P	A	P	P	P	P	P	P	P
56	20171CSE9016	PRADEEP S KALMATH	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
57	20181CSC0007	HARSHITHAI V	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr. Rudresh  
Course Instructor

HOD



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE29		Academic Year :2021-2022			2019-20	
Course Name :		Basics- Robotic Process Automation (UiPath)		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Dr. Rudresh Deepak Shirwaikar	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SOL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0483	PAMIREDDYRAJASEKHARREDDY	SOE	75%	92	YES	
2		20171CSE0484	PANDRAJU SUBODH DWARAKARAO	SOE	75%	75	YES	
3		20171CSE0485	PAPIREDDYPALLI NIDHARSAN REDDI	SOE	75%	78	YES	
4		20171CSE0486	PARAS TOMAR	SOE	75%	70	YES	
5		20171CSE0487	PAKISHITH VALLISH PARASHAR	SOE	75%	87	YES	
6		20171CSE0488	PARIMI BHARATH	SOE	75%	72	YES	
7		20171CSE0489	PARNA HK	SOE	75%	82	YES	
8		20171CSE0491	PASANGGURUNG	SOE	75%	85	YES	
9		20171CSE0495	PATHAKAMURI HARIPRIYA	SOE	75%	67	YES	
10		20171CSE0496	PATHAN ASLAM KHAN	SOE	75%	84	YES	
11		20171CSE0498	PAVAN YADAV M	SOE	75%	79	YES	
12		20171CSE0499	PAVITHRA G	SOE	85%	55	YES	
13		20171CSE0500	PAVITHRAK	SOE	75%	23	YES	
14		20171CSE0502	PILLI VARSHITA	SOE	75%	63	YES	
15		20171CSE0504	POCHA JAGANMOHAN REDDY	SOE	75%	51	YES	
16		20171CSE0505	POCHAMREDDY SOWMYAREDDY	SOE	75%	76	YES	
17		20171CSE0506	POLARPU SREERAMULU	SOE	75%	68	YES	
18		20171CSE0510	POOJA R	SOE	75%	70	YES	
19		20171CSE0511	POOJA Y	SOE	75%	53	YES	
20		20171CSE0512	POORNIMA K N	SOE	75%	77	YES	
21		20171CSE0515	POTTURUDHARANI	SOE	75%	85	YES	
22		20171CSE0516	PRACHI SRIVASTAVA	SOE	75%	38	YES	
23		20171CSE0517	PRAHALAD GOUD K R	SOE	75%	83	YES	
24		20171CSE0518	PRAJWAL GOWDAS	SOE	75%	37	YES	
25		20171CSE0519	PRAJWALM S	SOE	75%	82	YES	
26		20171CSE0520	PRAJWALP	SOE	75%	66	YES	
27		20171CSE0521	PRAJWAL P MUJUMDAR	SOE	75%	77	YES	
28		20171CSE0522	PRAKRUTHIDGOWDA	SOE	75%	80	YES	
29		20171CSE0523	PRAKYATH SARYA	SOE	75%	76	YES	
30		20171CSE0524	PRAMUKH N S	SOE	75%	90	YES	
31		20171CSE0525	PRASHANT KUMARSAH	SOE	75%	81	YES	
32		20171CSE0526	PRASHASTHIN G	SOE	75%	72	YES	
33		20171CSE0527	PRATEEK K V	SOE	75%	83	YES	
34		20171CSE0528	PRATEEKSHAM	SOE	75%	65	YES	
35		20171CSE0529	PRATHYAKSHN P	SOE	75%	52	YES	
36		20171CSE0530	PRATIKSHAM O	SOE	75%	66	YES	
37		20171CSE0531	PRAVEENKUMARSUGREEVU	SOE	85%	35	YES	
38		20171CSE0532	PREETHAMC D	SOE	75%	69	YES	
39		20171CSE0533	PREETHIK T	SOE	75%	57	NO	
40		20171CSE0534	PREETHIM V	SOE	95%	55	YES	
41		20171CSE0536	PRIYANKAA	SOE	75%	70	YES	
42		20171CSE0538	PRIYANKAG H	SOE	75%	69	YES	
43		20171CSE0539	PRIYANKAH S	SOE	75%	78	YES	
44		20171CSE0540	PRIYANKAP S	SOE	75%	78	YES	
45		20171CSE0541	PULUGU SAIKRISHNA	SOE	75%	73	YES	
46		20171CSE0543	PUSHPALATHAS	SOE	75%	55	YES	
47		20171CSE0544	PUSHYARAGINIKOPPLA	SOE	75%	85	YES	
48		20171CSE0545	R THIRACY LOURDUMARY	SOE	75%	80	YES	
49		20171CSE0546	RVIVEK	SOE	85%	35	YES	
50		20171CSE0547	RAAVIRAMCHARAN	SOE	75%	64	YES	
51		20171CSE0548	RACHANAP	SOE	75%	42	YES	
52		20171CSE0549	RACHANA V	SOE	75%	52	YES	
53		20171CSE0550	RACHEL SANDRA R	SOE	75%	29	NO	
54		20171CSE0551	RAHMANASHAH	SOE	0%	0	NO	
55		20171CSE0552	RADHA RADHA	SOE	40%	0	NO	
56		20171CSE901	RADEEP S KALMATH	SOE	0%	0	NO	
57		20181CSE0007	HARSHITHAJ V	SOE	80%	77	YES	

Name of Course Instructor 1:

Dr. Rudresh Deepak Shirwaikar

Employee ID of Course Instructor 1:

HOD\_CSE




Signature of Instructor-in-Charge

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# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Engineering

Name of the Department: Computer Science and Engineering

Area of Specialization: DataMining

Name of the Faculty Member/Members: Mr.Jobin Thomas

Title of the Value Added Course: Introduction to c# programming

Course Duration: 30 hours

Course Code: VACCSE30

Introduction to the Course:

[Write about a para, indicating the purpose of this course, nature of the course and prerequisites of the course] [It is same as our course description in the course hand out]

The C# is one of the Microsoft programming languages. It is the most powerful programming language among all programming languages available in the .NET Framework. This course provides a sound introduction on C# Basics, Structure of C# programs etc. After completion of the course the student will be able to use the features of C# and its various concepts.

Prerequisites: Basic concepts of Object Oriented Programming, Understanding of basic programming concepts

Course Outcomes: On successful completion of the course the students shall be able to :

- 01) Understand code solutions and compile C# projects within .Net Framework
- 02) Design and develop professional console and window based applications
- 03) Understand and implement classes, objects, methods etc

Course Content: [Briefly mention all the important topics to be covered in this course]

Basic structure of C# program, Syntax, Datatypes, Variable, Control Statements, Methods and Properties (static keyword), OOPS in C# ( Class & Objects, Constructors. Abstraction , Encapsulation , Inheritance , Polymorphism etc..), Interfaces, Exception Handling, Delegates, Collections etc...

Mr.Jobin Thomas

Name &Signature of the Faculty Member

Approval by the HOD.

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S.No.	Roll No.	Name	VACCSE30												Mr. Jobin Thomas											
			21-01-2020	22-01-2020	22-01-2020	23-01-2020	25-01-2020	26-01-2020	26-01-2020	27-01-2020	27-01-2020	27-01-2020	30-01-2020	30-01-2020	30-01-2020	31-01-2020	1-02-2020	2-02-2020	2-02-2020	3-02-2020	4-02-2020	6-02-2020	6-02-2020	7-02-2020	10-02-2020	10-02-2020
1	20171CSE0553	RADHA PRAJAPATH	P	P	A	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0554	RAGHAVENDRA G P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
3	20171CSE0557	RAHUL P SHINDE	A	P	P	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	A	P	a	P	P
4	20171CSE0558	RAHUL V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0560	RAJESH K S	P	P	P	P	P	A	P	A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
6	20171CSE0561	RAJESH T	A	A	A	P	P	A	A	P	A	P	P	P	P	A	P	A	P	A	P	P	A	P	P	P
7	20171CSE0564	RAJVEER SINGH	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A
8	20171CSE0565	RAKSHITHA C	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P
9	20171CSE0566	RAKSHITHA H	P	A	P	P	P	P	A	P	A	P	P	A	P	P	P	A	P	A	P	P	P	A	P	P
10	20171CSE0567	RAKSHITHA J A	P	A	P	P	A	A	A	P	P	P	A	P	A	P	A	P	P	A	P	P	P	A	A	P
11	20171CSE0568	RAKSHITHA R	P	A	A	A	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P	P
12	20171CSE0569	RANJAN SHETTY	P	P	P	A	A	A	A	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
13	20171CSE0570	RAYADURGAM KIRAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	20171CSE0571	RAYAPURA GANGADHARA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0573	REKHANJALI R	A	A	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P
16	20171CSE0575	RISHAB D	A	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	P
17	20171CSE0576	RITESH CHETTRI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
18	20171CSE0577	RIYAN AJAZ	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
19	20171CSE0578	ROHAN M	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
20	20171CSE0579	ROHAN N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0580	ROHIT KUMAR SINGH	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
22	20171CSE0581	ROHITH M	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	A
23	20171CSE0582	ROHITH V	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
24	20171CSE0583	ROOPA S R	P	P	A	A	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
25	20171CSE0584	RUMANA TAUHID	P	A	P	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
26	20171CSE0585	RUPESH SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0586	RUSHABH S CHALKE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P
28	20171CSE0587	RUTHU MANJUNATH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
29	20171CSE0588	S K SRUJAN	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	A	A	P	P
30	20171CSE0589	S RAKSHITHA	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
31	20171CSE0590	S SHANNON SAROJINI	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
32	20171CSE0591	S SIVAKAMA SUNDARI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
33	20171CSE0594	SADHANA C	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A	P	A
34	20171CSE0595	SADIYA KAUSER	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	A	P	A	A
35	20171CSE0596	SAFIYA SEHER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	A
36	20171CSE0598	SAGAR YADAV	A	P	P	P	P	A	A	P	P	P	P	P	A	A	P	P	A	P	P	P	A	P	P	P
37	20171CSE0599	SAGARIKA G	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	A
38	20171CSE0600	SHWETHA J JAIN	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
39	20171CSE0601	SAHANA R	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
40	20171CSE0602	SAI CHARAN G S	P	P	A	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
41	20171CSE0604	SAJAN KAMATH V	P	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
42	20171CSE0605	SALMAN HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20171CSE0606	SALMAN PASHA	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
44	20171CSE0607	SAMEERA NOORIAN	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A
45	20171CSE0608	SAN JOHN PAUL	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
46	20171CSE0609	SANDEEP GOWDA H K	P	P	A	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
47	20171CSE0610	SANDEEP M S	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0611	SANDESH V B LAKSHANNAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
49	20171CSE0613	SANIYA KHANUM N C A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0614	SANIYAY M	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0615	SANIYAY R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0616	SANJAY KUMAR N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0618	SANJAY D A	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
54	20171CSE0619	SANTHOSH S	P	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0620	SANJAY A AMEENULLA SHARIF	P	P	A	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P
56	20171CSE0617	SANJAY A SHARADANANDAN J S	P	P	A	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
57	20181LCS0001	SAURABH KUMAR	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	20171CSE0621	SAURABH KUMAR YANARAYANA V	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Mr. Jobin Thomas  
Course Instructor

HOD

Registrar  
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BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE30		Academic Year :2021-2022			2019-2020	
Course Name :		Introduction to c# programming		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Mr.Jobin Thomas	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol. etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0553	RADHA PRAJAPATH	SOE	75%	77	NO	
2		20171CSE0554	RAGHAVENDRA G P	SOE	75%	77	YES	
3		20171CSE0557	RAHUL P SHINDE	SOE	75%	86	YES	
4		20171CSE0558	RAHUL V	SOE	75%	82	YES	
5		20171CSE0560	RAJESH K S	SOE	75%	80	YES	
6		20171CSE0561	RAJESH T	SOE	75%	80	YES	
7		20171CSE0564	RAJVEER SINGH	SOE	75%	80	YES	
8		20171CSE0565	RAKSHITHA C	SOE	75%	91	YES	
9		20171CSE0566	RAKSHITHA H	SOE	75%	91	YES	
10		20171CSE0567	RAKSHITHA J A	SOE	75%	92	YES	
11		20171CSE0568	RAKSHITHA R	SOE	75%	91	YES	
12		20171CSE0569	RANJAN SHETTY	SOE	75%	90	NO	
13		20171CSE0570	RAYADURGAM KIRAN KUMAR	SOE	75%	90	YES	
14		20171CSE0571	RAYAPURA GANGADHARA SACHIN	SOE	75%	81	YES	
15		20171CSE0573	REKHANJALI R	SOE	75%	81	YES	
16		20171CSE0575	RISHAB D	SOE	75%	81	YES	
17		20171CSE0576	RITESH CHETTRI	SOE	75%	81	YES	
18		20171CSE0577	RIYAN AJAZ	SOE	75%	88	YES	
19		20171CSE0578	ROHAN M	SOE	75%	90	YES	
20		20171CSE0579	ROHAN N	SOE	75%	90	YES	
21		20171CSE0580	ROHIT KUMAR SINGH	SOE	75%	90	YES	
22		20171CSE0581	ROHITH M	SOE	75%	75	YES	
23		20171CSE0582	ROHITH V	SOE	75%	75	YES	
24		20171CSE0583	ROOPA S R	SOE	75%	76	YES	
25		20171CSE0584	RUMANA TAUHID	SOE	75%	76	YES	
26		20171CSE0585	RUPESH SHARMA	SOE	75%	77	YES	
27		20171CSE0586	RUSHABH S CHALKE	SOE	75%	77	YES	
28		20171CSE0587	RUTHU MANJUNATH	SOE	75%	77	YES	
29		20171CSE0588	S K SRUJAN	SOE	75%	77	YES	
30		20171CSE0589	S RAKSHITHA	SOE	75%	80	YES	
31		20171CSE0590	S SHANNON SAROJINI	SOE	75%	80	YES	
32		20171CSE0591	S SIVAKAMA SUNDARI	SOE	75%	80	YES	
33		20171CSE0594	SADHANA C	SOE	75%	90	YES	
34		20171CSE0595	SADIYA KAUSER	SOE	75%	75	YES	
35		20171CSE0596	SAFIYA SEHER	SOE	75%	75	YES	
36		20171CSE0598	SAGAR YADAV	SOE	75%	88	YES	
37		20171CSE0599	SAGARIKA G	SOE	75%	88	NO	
38		20171CSE0600	SHWETHA J JAIN	SOE	75%	86	YES	
39		20171CSE0601	SAHANA R	SOE	75%	86	NO	
40		20171CSE0602	SAI CHARAN G S	SOE	75%	89	NO	
41		20171CSE0604	SAJAN KAMATH V	SOE	75%	90	YES	
42		20171CSE0605	SALMAN HUSSAIN	SOE	75%	89	YES	
43		20171CSE0606	SALMAN PASHA	SOE	75%	89	YES	
44		20171CSE0607	SAMEERA NOORIAN	SOE	75%	89	YES	
45		20171CSE0608	SAN JOHN PAUL	SOE	75%	89	YES	
46		20171CSE0609	SANDEEP GOWDA H K	SOE	75%	90	NO	
47		20171CSE0610	SANDEEP M S	SOE	75%	45	NO	
48		20171CSE0611	SANDESH S BHARADWAJ	SOE	75%	90	YES	
49		20171CSE0613	SANIYA KHANUM A	SOE	75%	45	YES	
50		20171CSE0614	SANJAY M	SOE	75%	90	YES	
51		20171CSE0615	SANJAY R	SOE	75%	89	YES	
52		20171CSE0616	SANJAYKUMAR N	SOE	75%	89	YES	
53		20171CSE0618	SANJAYK DAS	SOE	75%	89	YES	
54		20171CSE0619	SANTOSH S	SOE	75%	89	YES	
55		20171CSE0620	SARAJIB AMEENULLA SHARIFF	SOE	75%	89	YES	
56		20171CSE0617	SARSHINI SADANAND J S	SOE	75%	89	YES	
57		20181LCS0066	SAURABH KUMAR	SOE	75%	89	YES	
58		20171CSE0621	SARIKA SATYANARAYANA VANKA					

Name of Course Instructor 1:

Mr.Jobin Thomas

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge

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# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** Machine Learning

**Name of the Faculty Member/Members:** Dr.Nagaraja S R

**Title of the Value Added Course:** Data Warehousing and Data Mining

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE31

**Introduction to the Course:** [Write about a para, indicating the purpose of this course, nature of the course and prerequisites of the course] [It is same as our course description in the course hand out]

This course gives an introduction to methods and theory for development of data warehouses and data analysis using data mining. Data quality methods and techniques for preprocessing of data. Modeling and design of data warehouses. Algorithms for classification, clustering and association rule analysis.

**Knowledge:** The candidate will get knowledge of:

- Data preprocessing and data quality.
- Modeling and design of data warehouses.
- Algorithms for data mining.

**Skills:**

- Be able to design data warehouses.
- Ability to apply acquired knowledge for understanding data and select suitable methods for data analysis.

**Topics Include:** Data Warehousing: A multitier Architecture, Data warehouse models: Enterprise warehouse, Data mart and virtual warehouse, Extraction, Transformation and loading, Data Cube: A multidimensional data model, Stars, Snowflakes and Fact constellations: Schemas for multidimensional Data models, Typical OLAP Operations, Introduction to Data mining, Data Mining Goals, Stages of the Data Mining Process, Data Mining Techniques, Applications, Types of data, Data Quality and Data Preprocessing Techniques, : Motivation and terminology, Basic idea: itemsets, Generating frequent item sets and rules efficiently, Apriori Algorithm, FPGrowth, Decision Trees Induction, Method for Comparing Classifiers, Rule Based Classifiers, Nearest Neighbor Classifiers, Modern evaluation and selection techniques to improve classification accuracy, Clustering Analysis – Partitioning method – Hierarchical methods.

**Course Outcomes:** On successful completion of the course the students shall be able to:

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- 01 Understand data mining problems and implement the data warehouse
- 02 Demonstrate association rules for a given data pattern
- 03 Discuss between classification and clustering solution.

**Course Content: [Briefly mention all the important topics to be covered in this course]**

**Module 1:**

**Data Warehousing & modeling: Basic Concepts:** Data Warehousing: A multitier Architecture, Data warehouse models: Enterprise warehouse, Data mart and virtual warehouse, Extraction, Transformation and loading, Data Cube: A multidimensional data model, Stars, Snowflakes and Fact constellations: Schemas for multidimensional Data models, Typical OLAP Operations.

[ 7 Hrs] [ Blooms 'level selected: Comprehension]

**Module 2:**

**Introduction to Data Mining and Data Preprocessing :** Introduction to Data mining, Data Mining Goals, Stages of the Data Mining Process, Data Mining Techniques, Applications, Types of data, Data Quality and Data Preprocessing Techniques.

[ 6 Hrs] [ Blooms 'level selected: Comprehension]

**Module 3:**

**Association Analysis:** Motivation and terminology, Basic idea: itemsets, Generating frequent item sets and rules efficiently, Apriori Algorithm, FPGrowth.

[ 5 Hrs] [ Blooms 'level selected: Comprehension]

**Module 4:**

**Classification and Clustering :** Decision Trees Induction, Method for Comparing Classifiers, Rule Based Classifiers, Nearest Neighbor Classifiers, Modern evaluation and selection techniques to improve classification accuracy. Clustering Analysis – Partitioning method – Hierarchical methods.

[ 12 Hrs] [ Blooms 'level selected: Application]



Dr.Nagaraja S R

Name & Signature of the Faculty Member

Approval by the Dean.



			VACCSE31			Dr.Nagaraja S R																				
S.No.	Roll No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			21-01-2020	22-01-2020	23-01-2020	24-01-2020	25-01-2020	26-01-2020	27-01-2020	28-01-2020	29-01-2020	30-01-2020	31-01-2020	01-02-2020	02-02-2020	03-02-2020	04-02-2020	05-02-2020	06-02-2020	07-02-2020	08-02-2020	09-02-2020	10-02-2020	11-02-2020	12-02-2020	13-02-2020
1	20171CSE0621	SARIKA SATYANARAYANA VAN	P	P	A	A	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0622	SARITHALA CHANDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20171CSE0623	SATHWIK M	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
4	20171CSE0624	SATYAM PANDEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0625	SAURABH DADHICH	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
6	20171CSE0626	SAVARALA SRIYA	A	A	A	P	P	P	A	P	P	P	P	A	P	P	P	A	P	A	P	A	P	P	P	P
7	20171CSE0629	SHAIK MOHAMMED NASEERUDI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A
8	20171CSE0632	SHALINI P S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20171CSE0633	SHALOM NEEYA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
10	20171CSE0636	SHAMANTH M	P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P	P
11	20171CSE0637	SHARAN V A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
12	20171CSE0638	SHEETAL J	P	P	P	A	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	20171CSE0639	SHEETHAL R	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
14	20171CSE0640	SHIKHA S NAMBIAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0641	SHILPA S	A	A	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P	A	P	A	P	A	P	P
16	20171CSE0642	SHIRI DIPIKA	A	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A
17	20171CSE0643	SHRISHA R	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
18	20171CSE0644	SHIVAKUMAR N H	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
19	20171CSE0645	SHRADHA N	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
20	20171CSE0647	SHREE VAISHNAVJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0648	SHRESTHA CHOWDHURY	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
22	20171CSE0649	SHREYA G	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A
23	20171CSE0650	SHREYA J	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
24	20171CSE0651	SHREYANSH KESARWANI	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
25	20171CSE0652	SHREYAS BHARDWAJ	P	A	P	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
26	20171CSE0653	SHUBHAM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0655	SHUBHAM SHARMA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
28	20171CSE0657	SHUBHRAM PRIYADARSHAN	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A
29	20171CSE0658	SHWETHA S R	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P
30	20171CSE0659	SIDDHANT OJHA	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
31	20171CSE0660	SIDHARTH MENON	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32	20171CSE0661	SIDHI M KATARIA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
33	20171CSE0662	SIRESHA M	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	A
34	20171CSE0663	SIRIPONNALA RAJA ROHITH	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	A	A
35	20171CSE0664	SIRISH G S	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	A	A
36	20171CSE0665	SIVA SAI KUMAR BOINA	A	P	P	P	P	A	A	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P
37	20171CSE0666	SIYA PHILIP	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	A	A
38	20171CSE0667	SNEHA A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P
39	20171CSE0670	SOHAN K SHENDGE	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
40	20171CSE0671	SOMESHWAR DEVANATH TUMK	P	P	A	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
41	20171CSE0672	SOMISETTY NIKHIL SAI	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
42	20171CSE0673	SOUNDARYA A	P	P	A	A	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
43	20171CSE0674	SOURAV CHIDANAND	P	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	A
44	20171CSE0675	SOURAV SWAIN	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A
45	20171CSE0676	SOUVIK MAZUMDAR	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P
46	20171CSE0677	SOWMIYA S	P	P	A	P	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
47	20171CSE0678	SRI RANGAMURUGAN KUMAR	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0679	SRIHARIKA P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
49	20171CSE0680	SRINAG MARNI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0681	STAINS ARI	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0684	SUJAY S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0685	SURESH M SHYAM/ND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0687	SUIJAYA V SHETTY	P	P	A	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
54	20171CSE0687	SUMITHRA S	P	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0689	SUNIL K	P	P	A	P	P	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P
56	20171CSE0901	KAMRAGUNIMILI SAI GOUD	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
57	20181LCS0009	SHIVANSHI	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr.Nagaraja S R  
Course Instructor HOD

REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE31		Academic Year :2021-2022			2019-20	
Course Name :		Data Warehousing and Data Mining		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Dr.Nagaraja S R	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0621	SARIKA SATYANARAYANA VANKA	SOE	94%	90	YES	
2		20171CSE0622	SARITHALA CHANDU	SOE	75%	90	YES	
3		20171CSE0623	SATHWIK M	SOE	75%	70	YES	
4		20171CSE0624	SATYAM PANDEY	SOE	75%	88	YES	
5		20171CSE0625	SAURABH DADHICH	SOE	93%	88	YES	
6		20171CSE0626	SAVARALA SRIYA	SOE	75%	88	YES	
7		20171CSE0629	SHAIK MOHAMMED NASEERUDDIN	SOE	90%	88	YES	
8		20171CSE0632	SHALINI P S	SOE	75%	94	YES	
9		20171CSE0633	SHALOM NEEYA	SOE	75%	94	YES	
10		20171CSE0636	SHAMANTH M	SOE	75%	94	YES	
11		20171CSE0637	SHARAN V A	SOE	75%	82	YES	
12		20171CSE0638	SHEETAL J	SOE	75%	82	YES	
13		20171CSE0639	SHEETHAL R	SOE	75%	83	YES	
14		20171CSE0640	SHIKHA S NAMBIAR	SOE	75%	45	YES	
15		20171CSE0641	SHILPA S	SOE	75%	80	YES	
16		20171CSE0642	SHIRI DIPIKA	SOE	75%	80	YES	
17		20171CSE0643	SHIRISHA R	SOE	75%	80	YES	
18		20171CSE0644	SHIVAKUMAR N H	SOE	75%	85	YES	
19		20171CSE0645	SHRADHA N	SOE	75%	86	YES	
20		20171CSE0647	SHREE VAISHNAVI J	SOE	75%	84	YES	
21		20171CSE0648	SHRESTHA CHOWDHURY	SOE	75%	82	YES	
22		20171CSE0649	SHREYA G	SOE		82	YES	
23		20171CSE0650	SHREYA J	SOE	75%	45	YES	
24		20171CSE0651	SHREYANSH KESARWANI	SOE	75%	45	YES	
25		20171CSE0652	SHREYAS BHARDWAJ	SOE	75%	90	YES	
26		20171CSE0653	SHUBHAM KUMAR	SOE	75%	90	YES	
27		20171CSE0655	SHUBHAM SHARMA	SOE	75%	89	YES	
28		20171CSE0657	SHUBHRAM PRIYADARSHAN	SOE	75%	89	YES	
29		20171CSE0658	SHWETHA S R	SOE	89%	81	YES	
30		20171CSE0659	SIDDHANT OJHA	SOE	75%	81	YES	
31		20171CSE0660	SIDHARTH MENON	SOE	75%	81	YES	
32		20171CSE0661	SIDHI M KATARIA	SOE	75%	81	YES	
33		20171CSE0662	SIREESHA M	SOE		15	NO	
34		20171CSE0663	SIRIPONNALA RAJA ROHITH	SOE	45%	85	YES	
35		20171CSE0664	SIRISH G S	SOE	75%	86	YES	
36		20171CSE0665	SIVA SAI KUMAR BOINA	SOE	75%	75	YES	
37		20171CSE0666	SIYA PHILIP	SOE	75%	75	YES	
38		20171CSE0667	SNEHA A	SOE	75%	75	YES	
39		20171CSE0670	SOHAN K SHENDGE	SOE	75%	75	YES	
40		20171CSE0671	SOMESHWAR DEVANATH TUMKUR	SOE	75%	78	YES	
41		20171CSE0672	SOMISETTY NIKHIL SAI	SOE	65%	78	YES	
42		20171CSE0673	SOUNDARYA A	SOE	75%	80	YES	
43		20171CSE0674	SOURAV CHIDANAND	SOE	75%	80	YES	
44		20171CSE0675	SOURAV SWAIN	SOE	75%	80	YES	
45		20171CSE0676	SOUVIK MAZUMDAR	SOE	75%	75	YES	
46		20171CSE0677	SOWMIYA S	SOE	75%	75	YES	
47		20171CSE0678	SRI RANGAPURAM ARUN KUMAR	SOE	75%	75	YES	
48		20171CSE0679	SRIHARIKA P B	SOE	75%	86	YES	
49		20171CSE0680	SRINAG MARNI	SOE	75%	86	YES	
50		20171CSE0681	STAINS ABI	SOE	75%	90	YES	
51		20171CSE0682	SUHAS J	SOE	75%	90	YES	
52		20171CSE0683	SUNHAS M SHIVANAND	SOE	75%	88	YES	
53		20171CSE0686	SUNAYA V SHETTY	SOE	75%	88	YES	
54		20171CSE0687	SUJITHRA S	SOE	75%	76	YES	
55		20171CSE0688	SUNAINA S JAJU	SOE	75%	76	YES	
56		20171CSE901	SAMBAGOUNI HARI SAI GOUD			77	YES	
57		20181CSE0009	SHIVANI E			90	YES	

Name of Course Instructor 1:

Dr.Nagaraja S R

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge

REGISTRAR





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:** MULTIMEDIA

**Name of the Faculty Member:** Ms. Mitali Halder

**Title of the Value Added Course:** DART PROGRAMMING

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE32

**Introduction to the Course:**

This course aims to focus on the essential programming concepts for developing multi cross platform based applications. . It helps students in developing applications using Flutter, the Google's mobile UI framework used for crafting high-quality native interfaces on iOS and Android.

**Course Pre-requisites:**

Basic knowledge of Programming and Mobile Application development

**Course Outcomes:**

On successful completion of the course the students shall be able to :

1. Understand the fundamentals of the Dart Programming
2. Interpret Flutter framework and create basic applications
3. Develop multicross platform based applications.

**Course Content:**

Overview - Data Types - Variables - Operators - Loops -Decision Making - Number, String, Lists, Map, Symbol, Enums, Enumeration, Functions, Interfaces, Classes, Objects - Collections - Generic - Packaging - Exceptions - Debugging - Libraries - Async - Concurrency - Unit Testing - HTML DOM - Basic Flutter Code - Flutter UI: Important widgets, themes, and layout - User Interaction: Forms and Gestures- Working with Databases - Testing Flutter Application

Ms. Mitali Halder

**Name &Signature of the Faculty Member**

**Approval by the HOD.**

S.No.	Roll No.	Name	VACCSE32			Ms. Mitali Halder																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	19	20	21	22	23	24
			20-01-2024	21-01-2024	22-01-2024	23-01-2024	25-01-2024	26-01-2024	26-01-2024	27-01-2024	27-01-2024	27-01-2024	30-01-2024	30-01-2024	30-01-2024	31-01-2024	1-02-2024	4-02-2024	6-02-2024	6-02-2024	7-02-2024	10-02-2024	10-02-2024
1	20171CSE0689	SUNIL GOWDA S	P	P	P	A	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0690	SUNIL KUMAR EDAPALAPATI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P
3	20171CSE0691	SURABHI B	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P
4	20171CSE0692	SURAJ S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0693	SURYA P S	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P
6	20171CSE0694	SUSHMA S K	P	A	A	A	P	P	P	A	P	P	P	P	P	A	P	A	P	P	A	P	P
7	20171CSE0695	SUSHMA S L	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A
8	20171CSE0696	SUSHMITHA SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	20171CSE0697	SWAROOP B P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P
10	20171CSE0698	SWAROOP M	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	A	A	P	P
11	20171CSE0699	SWATHI ARDHANI	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
12	20171CSE0700	SYED ABDUL RAHIM	P	P	P	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P
13	20171CSE0701	SYED ARSHAD ALISHA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P	P	P
14	20171CSE0702	SYED ATIF	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0703	SYED DANISH PASHA	P	A	A	P	P	P	P	A	A	P	P	P	P	A	P	A	P	A	P	A	P
16	20171CSE0706	SYED RAYYAN MAAZ	P	A	A	P	A	P	P	P	A	P	P	P	P	P	P	A	P	A	P	A	A
17	20171CSE0708	SYED SHAHBAZ	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
18	20171CSE0709	SYED SHOAB	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	A
19	20171CSE0710	SYEDA UMME KULSUM	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
20	20171CSE0711	T JAYASINDHURI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0712	T MAHESH	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
22	20171CSE0714	T V N SATYA PRATYUSHA	A	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	A	P	A	P	A
23	20171CSE0715	TAHIR HUSSAIN	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
24	20171CSE0716	TALARI NAVEEN KUMAR	A	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A
25	20171CSE0717	TANISHA KARMAKAR	P	P	A	P	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P
26	20171CSE0718	TANIYA FAISAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0719	TANNERU KUNDHANA KUMAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	P
28	20171CSE0720	TASKEEN FATHMA	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
29	20171CSE0721	TEJAS BHATNAGAR	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	A	A	P	P
30	20171CSE0722	TEJASHREE M N	P	P	P	P	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P
31	20171CSE0723	TEJASWINI C	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P
32	20171CSE0724	THAJUDHEEN T K	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	P
33	20171CSE0725	THALLAPALLI JEEVANA CHANDRAN	A	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	A	P	A	A	A
34	20171CSE0726	THANU KUMAR S	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	A	A
35	20171CSE0727	THOTA L S JAHNAVI	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	P	A	A	A
36	20171CSE0728	THOUDUR MATAM SIDDART	A	A	P	P	P	P	A	A	P	P	P	P	A	A	P	P	A	P	P	P	P
37	20171CSE0729	THUMMAGINJALA MANOJ	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	A	A	A
38	20171CSE0730	UDAYAGIRI MOHAMMAD THASHEEM	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P
39	20171CSE0731	UDDAGIRI SAI PAVANI	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P
40	20171CSE0732	UNDEHL NARAYAN	A	P	P	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
41	20171CSE0733	UVAJAYANAY KUMAR	P	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P
42	20171CSE0734	UVAJAYANAY KUMAR	P	P	P	A	A	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
43	20171CSE0735	V SURESH	P	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	A
44	20171CSE0736	VADALA MADHUKRISHNAN	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	A	A	A	A
45	20171CSE0738	VARDI SAI GIRISH	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P
46	20171CSE0739	VARSHALI K	P	P	P	A	P	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P
47	20171CSE0740	VARSHANA K	A	P	P	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0741	VANTIPATI PHANINDRA SAI	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
49	20171CSE0742	VARSHINI A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0743	VARSHINI B	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0744	VARSHA N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0745	VARSHA R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0746	VARSHINI A S	A	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
54	20171CSE0747	VARSHINI B	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20171CSE0748	VARSHINI Y	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P
56	20171CSE9019	CHITIRALA SAI VIGNESH	P	P	P	A	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P	A	P
57	20181LCS0010	AKASH KUMAR	P	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P

Ms. Mitali Halder  
Course Instructor

HOD

REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE34		Academic Year :2021-2022			2019-20	
Course Name :		DART PROGRAMMING		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Ms. Mitali Halder	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/Sol etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0689	SUNIL GOWDA S	SOE	75%	54	YES	
2		20171CSE0690	SUNIL KUMAR EDAPALAPATI	SOE	75%	88	YES	
3		20171CSE0691	SURABHI B	SOE	75%	90	YES	
4		20171CSE0692	SURAJ S	SOE	75%	90	YES	
5		20171CSE0693	SURYA P S	SOE	75%	94	YES	
6		20171CSE0694	SUSHMA S K	SOE	75%	94	YES	
7		20171CSE0695	SUSHMA S L	SOE	75%	78	YES	
8		20171CSE0696	SUSHMITHA SINGH	SOE	75%	78	YES	
9		20171CSE0697	SWAROOP B P	SOE	75%	80	YES	
10		20171CSE0698	SWAROOP M	SOE	75%	80	YES	
11		20171CSE0699	SWATHI ARDHANI	SOE	75%	76	YES	
12		20171CSE0700	SYED ABDUL RAHIM	SOE	75%	90	YES	
13		20171CSE0701	SYED ARSHAD ALISHA	SOE	75%	78	YES	
14		20171CSE0702	SYED ATIF	SOE	75%	91	YES	
15		20171CSE0703	SYED DANISH PASHA	SOE	75%	88	YES	
16		20171CSE0706	SYED RAYYAN MAAZ	SOE	75%	88	YES	
17		20171CSE0708	SYED SHAHBAZ	SOE	75%	45	YES	
18		20171CSE0709	SYED SHOAB	SOE	75%	87	YES	
19		20171CSE0710	SYEDA UMME KULSUM	SOE	75%	87	YES	
20		20171CSE0711	T JAYASINDHURI	SOE	75%	24	YES	
21		20171CSE0712	T MAHESH	SOE	75%	90	YES	
22		20171CSE0714	T V N SATYA PRATYUSHA	SOE	75%	91	YES	
23		20171CSE0715	TAHIR HUSSAIN	SOE	75%	92	YES	
24		20171CSE0716	TALARI NAVEEN KUMAR	SOE	75%	94	YES	
25		20171CSE0717	TANISHA KARMAKAR	SOE	75%	94	YES	
26		20171CSE0718	TANIYA FAISAL	SOE	75%	54	YES	
27		20171CSE0719	TANNERU KUNDHAN KUMAR	SOE	75%	88	YES	
28		20171CSE0720	TASKEEN FATHIMA	SOE	75%	88	YES	
29		20171CSE0721	TEJAS BHATNAGAR	SOE	75%	88	YES	
30		20171CSE0722	TEJASHREE M N	SOE	75%	85	YES	
31		20171CSE0723	TEJASWINI C	SOE	75%	34	YES	
32		20171CSE0724	THAJUDHEEN T K	SOE	75%	89	YES	
33		20171CSE0725	THALLAPALLI JEEVANA CHAN	SOE	75%	89	YES	
34		20171CSE0726	THANUJ KUMAR S	SOE	75%	91	YES	
35		20171CSE0727	THOTA L S JAHNAVI	SOE	75%	64	YES	
36		20171CSE0728	THOUDUR MATAM SIDDARTHA	SOE	75%	78	YES	
37		20171CSE0729	THUMMAGINJALA MANOJ	SOE	75%	75	YES	
38		20171CSE0730	UDAYAGIRI MOHAMMAD THO	SOE	75%	66	YES	
39		20171CSE0731	UDDAGIRI SAI PAVANI	SOE	75%	70	YES	
40		20171CSE0732	UDITH L NARAYAN	SOE	75%	88	YES	
41		20171CSE0733	UJARLA VINAY KUMAR	SOE	75%	88	YES	
42		20171CSE0734	UTSAV DEEP	SOE	75%	90	YES	
43		20171CSE0735	V SUMATHI	SOE	75%	84	YES	
44		20171CSE0736	VADALA MADHU SRINIVASULI	SOE	75%	85	YES	
45		20171CSE0738	VADDI SAI GIRISH	SOE	75%	56	YES	
46		20171CSE0739	VAISHALI K	SOE	75%	87	YES	
47		20171CSE0740	VANDANA K	SOE	75%	86	YES	
48		20171CSE0741	VANTIPALLI PHANINDRA SAI	SOE	75%	45	YES	
49		20171CSE0742	VARSHA	SOE	75%	90	YES	
50		20171CSE0743	VARSHA B	SOE	75%	90	YES	
51		20171CSE0744	VARSHA N	SOE	75%	65	YES	
52		20171CSE0745	VARSHA R	SOE	75%	45	YES	
53		20171CSE0746	VARSHINI A S	SOE	75%	88	YES	
54		20171CSE0747	VARSHINI B	SOE	75%	86	YES	
55		20171CSE0748	VARSHINI Y	SOE	75%	86	YES	
56		20171CSE9019	CHITIRALA SAI VIGNESH					
57		201811C90010	AKASH KUMAR					

Name of Course Instructor 1:

Ms. Mitali Halder

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge

REGISTRAR





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: **School of Engineering**  
Name of the Department: **Computer Science and Engineering**  
Area of Specialization: **Computational Mathematics**  
Name of the Faculty Member: Mr.Nasurudeen Ahamed . N

Title of the Value Added Course: **Construction Scheduling Using PERT/CPM**  
Course Duration: [ **30 hours** ]  
Course Code: VACCSE33

Introduction to the Course:

Initially an overview of the Construction Scheduling activities will be covered. Learners will discover the relationships connecting construction activities, how to perform scheduling procedures, how to determine critical path and more. It will describe the differences between calendar dates and work dates and teach how to deal with uncertainty in construction projects. Bar (Gantt) Charts, Activity procedure diagrams, PERT/CPM and difference between Probabilistic and Deterministic PERT/CPM through detailed mathematical numerical.

Course Outcomes: On successful completion of the course the students shall be able to :  
C.O. 01. Solve problems of construction schedules. [Application]  
C.O. 02. Solve the earliest/latest start time of an activity problems. [Application]  
C.O. 03. Solve the PERT/CPM related problems. [Application]

Course Content:

Module-1: Construction activities and scheduling. (C.O.1) [Bloom's level: Application]  
Introduction to scheduling and activities.

Module-2: Bar and Gantt Chart Problems. (C.O.2) [Bloom's level: Application]  
Introduction of bar or Gantt charts and how they are used as scheduling tools. Bar charts represent a project work item or activity as a time scaled bar; the length of which represents the planned duration of a construction activity

Module-3: Critical Path and Activity Floats. (C.O.3) [Bloom's level: Application] The importance of critical path in this module including what it is and why it is important. Learners will identify a critical path in a project and how to determine a critical path in different relationships. Introduction of floats in a construction project including; total float, free float, interfering float and independent float.

Mr.Nasurudeen Ahamed . N  
Name &Signature of the Faculty Member

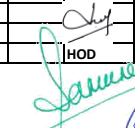

Approval by the HOD.

  
REGISTRAR  


S.No.	Roll No.	Name	VACCSE33			Mr.Nasurudeen Ahamed . N																							
			22-01-2022	22-01-2023	23-01-2023	25-01-2023	26-01-2023	26-01-2023	27-01-2023	27-01-2023	27-01-2023	30-01-2023	30-01-2023	30-01-2023	31-01-2023	1-02-2023	2-02-2023	2-02-2023	3-02-2023	4-02-2023	6-02-2023	6-02-2023	7-02-2023	10-02-2023	7-02-2023	10-02-2023	7-02-2023		
1	20171CSE0749	VARUN D S	P	A	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	20171CSE0750	VARUN V P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	20171CSE0751	VASAMSETTI PRAVEEN VAM	P	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	a	P	P	P	P	P	P
4	20171CSE0753	VATTIKUTI SOWMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	20171CSE0754	VECHAM SAI KUMAR	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P
6	20171CSE0756	VEDULA SRINIVAS	A	A	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	A	P	P	A	P	P	P	P	P	A
7	20171CSE0757	VELURU CHAITANYA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P
8	20171CSE0758	VELURU VINAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	20171CSE0759	VEMPALLE MOHAMMED AR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	A	P	A
10	20171CSE0760	VENISHA R	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	P	A	P	A	P	P
11	20171CSE0765	VISHESH DHARIWAL V	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
12	20171CSE0766	VISHNU BASSKAR V	P	P	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	20171CSE0767	VISMAYA S	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	A	P
14	20171CSE0768	VUNNAM DILEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20171CSE0769	YARAMA SUJAY REDDY	A	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	A	P	A	P	A	P	A	P	A
16	20171CSE0771	YASHASHWINI H G	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	A	P	A	A
17	20171CSE0772	YASHASWINI N	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
18	20171CSE0773	YASHWANTH K	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	A	P	A
19	20171CSE0774	YASHWANTH S	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
20	20171CSE0777	YEDULA SRISANDHYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20171CSE0778	YELLEBOYENA SAI KRISHNA	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
22	20171CSE0781	YOGESH H R	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	P	A	P	P	A
23	20171CSE0782	YOSHITHA S	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
24	20171CSE0783	CHANDRAGIRI YASWANTH P	P	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
25	20171CSE0784	P DIVYA	A	P	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	20171CSE0785	ABDUL SAMEER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20171CSE0786	KALLURU RAM SAI ANUDEE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P
28	20171CSE0788	PUNEETHA V	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	A	P
29	20171CSE0789	PATIL SHIVSHARAN BALAJI	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	A	P	A	P	P	P
30	20171CSE0791	KURRAPOTHULA MITHUN C	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	20171CSE0792	JAMMIGUMPALA VARUN	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	20171CSE0794	EDIMUDI HARIKRISHNA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P
33	20171CSE0796	RAJATH SINHA A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	A	A	A	A	A
34	20171CSE0797	KHIZAR AHMED	P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P
35	20171CSE0798	MOHAMMED AMMAR UR RA	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	A	A	A	P	P
36	20171CSE0799	SHEETAL J	P	P	P	P	A	A	P	P	P	P	P	A	A	P	P	A	P	P	A	P	A	P	P	P	P	P	P
37	20171CSE0800	PRAJWAL P	P	P	P	P	A	P	A	P	P	P	P	A	A	P	P	A	P	P	P	P	P	A	A	A	P	P	P
38	20171CSE0801	SOUNDARYA A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P
39	20171CSE0803	MANDALA NARASIMHA VIS	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	20171CSE0805	AISWARYA V B	P	A	P	A	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
41	20171CSE0806	ATUL DHIMAN	P	P	P	A	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20171CSE0807	LIKHITHA T R	P	A	A	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20171CSE0808	SNEHA	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
44	20171CSE0810	RAJESH K PARNIA SARADHI R	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P
45	20171CSE0811	MOHAMMED FURQAN JEEL	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
46	20171CSE0812	KARE RAGHUNATH VEEKSH	P	A	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	20171CSE0813	RAKSHITHA C V	P	A	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20171CSE0814	NGORAN ANSHIVA	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
49	20171CSE0815	NANDINI V S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	20171CSE0816	VISHAL KISHWAKARMA	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20171CSE0817	BOLLA ABHENDRA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20171CSE0818	CHANDRAN J M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20171CSE0819	ADITYA THAKUR	P	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
54	20171CSE0820	MOHAMMED IBRAHIM MAN	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20181LC00015	ANNAPORNESHWARI S	P	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20171CSE0067	ANKITHA SURAKSHA	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
57	20171CSE9020	SUMANTH KAUSHIK K	P	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Mr.Nasurudeen Ahamed . N

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**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE33		Academic Year :2021-2022			2019-20	
Course Name :		Construction Scheduling Using PERT/CPM		Semester :3rd,5th,7th			5th	
				Instructor-in-Charge Name :			Mr.Nasurudeen Ahamed . N	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SOL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		20171CSE0749	VARUN D S	SOE	75%	88	YES	
2		20171CSE0750	VARUN V P	SOE	75%	88	YES	
3		20171CSE0751	VASAMSETTI PRAVEEN VAMSI	SOE	75%	90	YES	
4		20171CSE0753	VATTIKUTI SOWMYA	SOE	75%	90	YES	
5		20171CSE0754	VECHAM SAI KUMAR	SOE	75%	94	YES	
6		20171CSE0756	VEDULA SRINIVAS	SOE	75%	94	YES	
7		20171CSE0757	VELURU CHAITANYA	SOE	75%	78	YES	
8		20171CSE0758	VELURU VINAY KUMAR	SOE	75%	78	YES	
9		20171CSE0759	VEMPALLE MOHAMMED ARIF	SOE	75%	80	YES	
10		20171CSE0760	VENISHA R	SOE	75%	80	YES	
11		20171CSE0765	VISHESH DHARIWAL V	SOE	75%	80	YES	
12		20171CSE0766	VISHNU BASSKAR V	SOE	75%	90	YES	
13		20171CSE0767	VISMAYA S	SOE	75%	78	YES	
14		20171CSE0768	VUNNAM DILEEP	SOE	75%	91	YES	
15		20171CSE0769	YARAMA SUJAY REDDY	SOE	75%	88	YES	
16		20171CSE0771	YASHASHWINI H G	SOE	75%	88	YES	
17		20171CSE0772	YASHASWINI N	SOE	75%	45	YES	
18		20171CSE0773	YASHWANTH K	SOE	75%	87	YES	
19		20171CSE0774	YASHWANTH S	SOE	75%	87	YES	
20		20171CSE0777	YEDULA SRISANDHYA	SOE	75%	90	YES	
21		20171CSE0778	YELLEBOYENA SAI KRISHNA	SOE	75%	90	YES	
22		20171CSE0781	YOGESH H R	SOE	75%	91	YES	
23		20171CSE0782	YOSHITHA S	SOE	75%	92	YES	
24		20171CSE0783	CHANDRAGIRI YASWANTH KUMAR	SOE	75%	94	YES	
25		20171CSE0784	P DIVYA	SOE	75%	94	YES	
26		20171CSE0785	ABDUL SAMEER	SOE	75%	88	YES	
27		20171CSE0786	KALLURU RAM SAI ANUDEEP REDDY	SOE	75%	88	YES	
28		20171CSE0788	PUNEETHA V	SOE	75%	88	YES	
29		20171CSE0789	PATIL SHIVSHARAN BALAJI	SOE	75%	88	YES	
30		20171CSE0791	KURRAPOTHULA MITHUN CHAKRAV	SOE	75%	85	YES	
31		20171CSE0792	JAMMIGUMPALA VARUN	SOE	75%	85	YES	
32		20171CSE0794	EDIMUDI HARIKRISHNA	SOE	75%	89	YES	
33		20171CSE0796	RAJATH SINHA A	SOE	75%	89	YES	
34		20171CSE0797	KHIZAR AHMED	SOE	75%	91	YES	
35		20171CSE0798	MOHAMMED AMMAR UR RAHMAN	SOE	75%	94	YES	
36		20171CSE0799	SHEETAL J	SOE	75%	78	YES	
37		20171CSE0800	PRAJWAL P	SOE	75%	75	YES	
38		20171CSE0801	SOUNDARYA A	SOE	75%	69	YES	
39		20171CSE0803	MANDALA NARASIMHA VISHNU	SOE	75%	70	YES	
40		20171CSE0805	AISWARYA V B	SOE	75%	88	YES	
41		20171CSE0806	ATUL DHIMAN	SOE	75%	88	YES	
42		20171CSE0807	LIKHITHA T R	SOE	75%	90	YES	
43		20171CSE0808	SNEHA J H	SOE	75%	84	YES	
44		20171CSE0810	JALADI PARDHA SARADHI REDDY	SOE	75%	85	YES	
45		20171CSE0811	MOHAMMED FURQAN JEELANI	SOE	75%	78	YES	
46		20171CSE0812	KARE RAGHUNATH VEEKSHANA	SOE	75%	87	YES	
47		20171CSE0813	RAKSHITHA D V	SOE	75%	86	YES	
48		20171CSE0814	NOOR EN ARSHIYA	SOE	75%	45	YES	
49		20171CSE0815	NANDINI V S	SOE	75%	90	YES	
50		20171CSE0815	VISHAL VISHWAKARMA	SOE	75%	90	YES	
51		20171CSE0817	BOLLA MAHENDRA REDDY	SOE	75%	90	YES	
52		20171CSE0818	CHANDAN J M	SOE	75%	45	YES	
53		20171CSE0819	ADITYA THAKUR	SOE	75%	88	YES	
54		20171CSE0820	MOHAMMED IBRAHIM MANNA	SOE	75%	86	YES	
55		20181LCS0015	JANNAPOORNESHWARI S	SOE	75%	86	YES	

Name of Course Instructor 1:

Mr.Nasurudeen Ahamed . N

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering

**Name of the Department:** Computer Science and Engineering

**Area of Specialization:**

**Name of the Faculty Member:** Mr.D Pramodh Krishna

**Title of the Value Added Course:** Introduction to MongoDB

**Course Duration:** [ 30 hours]

**Course Code:** VACCSE35

**Introduction to the Course:**

This course will focus on the Non-relational databases are often called as NoSQL databases. A NoSQL database is used to store large quantities of complex and diverse data, such as product catalogs, logs, user interactions, analytics, and more. MongoDB is one of the most established NoSQL databases, with features such as data aggregation, **ACID (Atomicity, Consistency, Isolation, Durability)** transactions, horizontal scaling, and Charts.

**Course Outcomes: On successful completion of the course the students shall be able to :**

**01: Master the art of queries, CRUD, schema design, and data aggregation.**

**02: Understand scalability using sharding and replication.**

**03: Apply the knowledge of a real-world use case**

**Course Content:**

## **Module 1 : Introduction to MongoDB**

Introduction, MongoDB Editions, The MongoDB Deployment Model, Managing MongoDB, Managing MongoDB, MonogoDB Atlas Organizations, Projects, Users and Clusters, Documents and Data Types, JSON, BSON, MongoDB Documents, MongoDB Data Types, Limits and Restrictions on Documents.

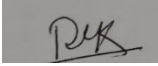
## **Module 2 : Querying Documents**

MongoDB Query Structure, Basic MongoDB Queries, Conditional Operators, Logical Operators, Regular Expressions, Query Arrays and Nested Documents, Limiting, Skipping and Sorting Documents, Inserting Documents, Deleting Documents, Replacing Documents, Modify Fields, Update Operators, Updating Array Fields, Aggregate is the New find, Manipulating Data, Working with Large Datasets, Getting the Most from your Aggregations.

  
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### Module 3 : Coding JavaScript in MongoDB

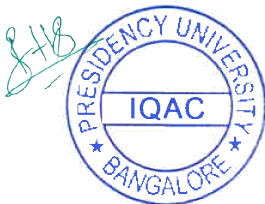
Connecting to the Driver, Executing Simple Queries, Callbacks and Error Handling in Node.js, Advanced Queries, Query Analysis, Introduction to Indexes, Creating and Listing Indexes, Query Analysis after Indexes, Hiding and Dropping Indexes, Types of Indexes, Properties of Indexes.



Name &Signature of the Faculty Member



Approval by Program Head



			VACCSE35																		
			Mr.D Pramodh Krishna																		
S.No.	Roll No.	Name	21-01-2022	22-01-2022	23-01-2022	24-01-2022	25-01-2022	26-01-2022	27-01-2022	28-01-2022	29-01-2022	30-01-2022	31-01-2022	01-02-2022	02-02-2022	03-02-2022	04-02-2022	05-02-2022	06-02-2022	07-02-2022	
1	2016CSE068	ASHUTOSH CHANDRASHEKAR	P	P	A	A	A	P	A	A	P	P	P	P	A	P	P	P	P	P	P
2	2016CSE069	SUMERA BANU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2016CSE071	SUBBAIAH M A	P	P	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P	A	P
4	2016CSE072	CHAITRA V T	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
5	2016CSE073	SPARSHA S	P	P	P	A	P	P	A	A	A	A	P	P	P	A	P	A	P	P	P
6	2016CSE075	ABHISHEK A KUMAR	A	A	A	A	P	P	A	P	P	P	A	P	A	P	P	A	P	A	P
7	2016CSE076	LUQMAN	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P
8	2016CSE077	BHARATHESH REDDY G H	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2016CSE078	MEGHA D C	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
10	2016CSE079	ALAIKYA M	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	A	P
11	2016CSE080	SURYAKIRAN B T	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	2016CSE081	PREETHI B	P	P	P	A	A	A	A	P	P	P	A	A	P	P	P	P	P	P	P
13	2016CSE082	VANDANA R	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P
14	2016CSE084	VIJETH KUMAR S	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
15	2016CSE085	CHEKRAPANI B R	A	A	P	P	P	P	A	A	P	P	A	A	P	P	P	P	A	P	P
16	2016CSE086	TEJASWINI C	A	A	P	A	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P
17	2016CSE088	PRESILLA JENIFER A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
18	2016CSE089	N K HARSHITH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
19	2016CSE090	RANJITHA J	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	2016CSE091	KEERTHANA J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	2016CSE092	ANNY CHRISTOPHER M	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
22	2016CSE093	MD MEHAR ALI SABRI	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P
23	2016CSE094	P PRAJVAL	P	P	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
24	2016CSE095	JOYCE MARY B	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
25	2016CSE096	SHREYA NARAYANAN	P	A	P	P	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P
26	2016CSE097	MOHAMMED HASSAN KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	2016CSE098	POOJA G	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A
28	2016CSE099	KRISHNA VYAS	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
29	2016CSE100	NIKITHA S	P	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	A
30	2016CSE101	SIMRAN JHA	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P
31	2016CSE102	AKARSH DAS	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P
32	2016CSE103	ANANYA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
33	2016CSE104	RIYA SRIVASTAVA	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P	P
34	2016CSE105	SATYA SHIROMANI	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A
35	2016CSE106	LIKIN BIDDAPPA B C	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P
36	2016CSE107	YASHASWINI V	A	P	P	P	P	A	A	P	P	P	P	A	A	P	P	A	P	A	P
37	2016CSE108	KEERTHI P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P
38	2016CSE109	ABHJEET KUMAR SINGH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
39	2016CSE112	NIHAL S KARKERA	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P
40	2016CSE113	YOGESH KAKRAN	P	P	A	P	A	P	A	P	P	P	P	A	P	P	P	P	A	P	P
41	2016CSE114	WAEFZ AHMED A	P	P	P	P	A	A	A	A	P	P	P	A	P	P	P	P	P	P	P
42	2016CSE115	CHHAVI	P	P	A	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
43	2016CSE116	SHAL RENDY N	P	P	P	A	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P
44	2016CSE117	ANBIN KUMAR	P	P	A	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	A
45	2016CSE118	SHWARYA M	A	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
46	2016CSE119	S GOUTHAM SRIRAM N	A	A	A	P	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P
47	2016CSE120	SANJAY JOY	A	A	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
48	2016CSE121	UJAYANTHI	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
49	2016CSE122	BASAVIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	2016CSE123	CHRAGN	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P
51	2016CSE124	NEGHAN PARSHA TR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
52	2016CSE125	MAVAN KALYAN M R	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
53	2016CSE126	JITHANANAIHAH	P	P	P	A	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P
54	2016CSE127	DIVYA PRASAD	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P
55	2016CSE128	KRUTHIKA V	P	P	A	P	P	P	P	P	P	A	A	P	A	P	A	P	P	P	P
56	2016CSE131	SHALINI K	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
57	2016CSE132	BASAVARAJ R MASALI	P	P	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
	2016CSE133	JAHNAVI Y	P	P	A	A	A	P	A	A	P	P	P	A	P	P	P	P	P	P	P

Mr.D Pramodh Krishna  
Course Instructor

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BANGALORE

**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE35		Academic Year :2021-2022			2021-2022	
Course Name :		Introduction to MongoDB		Semester :3rd,5th,7th			7th	
				Instructor-in-Charge Name :			Mr.D Pramodh Krishna	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SOL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		2016CSE068	ASHUTOSH CHANDRASHEKAR MANI	SOE	75%	10	NO	
2		2016CSE069	SUMERA BANU	SOE	75%	75	YES	
3		2016CSE071	SUBBAIAH M A	SOE	75%	10	NO	
4		2016CSE072	CHAITRA V T	SOE	75%	70	YES	
5		2016CSE073	SPARSHA S	SOE	75%	87	YES	
6		2016CSE075	ABHISHEK A KUMAR	SOE	75%	10	NO	
7		2016CSE076	LUQMAN	SOE	75%	30	NO	
8		2016CSE077	BHARATHESH REDDY G H	SOE	29%	25	NO	
9		2016CSE078	MEGHA D C	SOE	75%	10	NO	
10		2016CSE079	ALAIKYA M	SOE	75%	84	YES	
11		2016CSE080	SURYAKIRAN B T	SOE	75%	79	YES	
12		2016CSE081	PREETHI B	SOE	38%	11	NO	
13		2016CSE082	VANDANA R	SOE	75%	23	YES	
14		2016CSE084	VIJETH KUMAR S	SOE	75%	63	YES	
15		2016CSE085	CHEKRAPANI B R	SOE	75%	51	YES	
16		2016CSE086	TEJASWINI C	SOE	75%	10	NO	
17		2016CSE088	PRESILLA JENIFER A	SOE	75%	68	YES	
18		2016CSE089	N K HARSHITH	SOE	75%	70	YES	
19		2016CSE090	RANJITHA J	SOE	38%	11	NO	
20		2016CSE091	KEERTHANA J	SOE	48%	18	NO	
21		2016CSE092	ANNY CHRISTOPHER M	SOE	75%	85	YES	
22		2016CSE093	MD MEHAR ALI SABRI	SOE	75%	38	YES	
23		2016CSE094	P PRAJVAL	SOE	75%	83	YES	
24		2016CSE095	JOYCE MARY B	SOE	75%	37	YES	
25		2016CSE096	SHREYA NARAYANAN	SOE	38%	11	NO	
26		2016CSE097	MOHAMMED HASSAN KHAN	SOE	75%	66	YES	
27		2016CSE098	POOJA G	SOE	75%	10	NO	
28		2016CSE099	KRISHNA VYAS	SOE	75%	80	YES	
29		2016CSE100	NIKITHA S	SOE	75%	76	YES	
30		2016CSE101	SIMRAN JHA	SOE	75%	90	YES	
31		2016CSE102	AKARSH DAS	SOE	75%	81	YES	
32		2016CSE103	ANANYA	SOE	75%	72	YES	
33		2016CSE104	RIYA SRIVASTAVA	SOE	75%	10	NO	
34		2016CSE105	SATYA SHIROMANI	SOE	75%	65	YES	
35		2016CSE106	LIKIN BIDDAPPA B C	SOE	75%	52	YES	
36		2016CSE107	YASHASWINI V	SOE	75%	66	YES	
37		2016CSE108	KEERTHI P	SOE	75%	27	NO	
38		2016CSE109	ABHIJEET KUMAR SINGH	SOE	75%	69	YES	
39		2016CSE112	NIHAL S KARKERA	SOE	75%	57	NO	
40		2016CSE113	YOGESH KAKRAN	SOE	75%	29	NO	
41		2016CSE114	WAEZ AHMED A	SOE	75%	70	YES	
42		2016CSE115	CHHAVI	SOE	75%	69	YES	
43		2016CSE116	KUSHAL REDDY N	SOE	75%	10	NO	
44		2016CSE117	VIPIN KUMAR	SOE	71%	40	NO	
45		2016CSE118	ISHWARYA D M	SOE	75%	73	YES	
46		2016CSE119	S GOUTHAM SHRAVAN	SOE	75%	46	NO	
47		2016CSE120	SANJAY JOY	SOE	75%	35	NO	
48		2016CSE121	UTSAVI M S	SOE	75%	80	YES	
49		2016CSE122	GANA VI L	SOE	75%	35	YES	
50		2016CSE123	CHIRAG N	SOE	75%	64	YES	
51		2016CSE124	MEGHANA VARSHA TR	SOE	75%	0	NO	
52		2016CSE125	PAVAN KALYAN M R	SOE	75%	0	NO	
53		2016CSE126	JHUMA NANAI AH	SOE	75%	0	NO	
54		2016CSE127	DI YA PRASAD	SOE	0%	0	NO	
55		2016CSE128	IKPUTHIKA V	SOE	75%	0	NO	
56		2016CSE131	SHALINI K	SOE	75%	0	NO	
57		2016CSE132	BASAVARAJ R MASALI	SOE	75%	0	NO	
58		2016CSE133	JAHNAVI Y	SOE				

Name of Course Instructor 1:

Mr.D Pramodh Krishna

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Engineering

Name of the Department: Computer Science and Engineering

Area of Specialization: MACHINE LEARNING , NLP, DEEP LEARNING

Name of the Faculty Member: Ms.Seena Elizebeth Mathew

Title of the Value Added Course: ADVANCED NATURAL LANGUAGE PROCESSING

Course Duration: [ 30 hours]

Course Code: VACCSE37

Introduction to the Course:

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding (NLU) of a Human Language. The goal of NLP and NLU is to process and harness information from a large corpus text with very little manual intervention.

This course will introduce a various technique to find similar words using the context of surrounding words, build language model to predict the next word and generate sentences its context and similar words and encode a sentence for machine translation and conversational purpose.

Course Prerequisite:

Python programming knowledge, Elementary Probability and Statistics, Linear Algebra, Basic Understanding of Machine Learning.

Course Outcomes: On successful completion of the course the students shall be able to :

- 01 Apply basic NLP Technique on Textual data for processing.
- 02 Explain the real world application of NLP.
- 03 Knowledge of Machine Translation and Conversation Concepts.

Course Content:

1. Introduction to Natural Language Processing, terminologies , empirical rules.
2. Applications of NLP
3. Word to Vectors



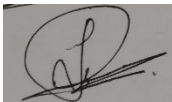
*Seena*  
REGISTRAR  
PRESIDENCY UNIVERSITY  
BANGALORE

4. Probability and Language Model
5. Neural Network for NLP
6. Distributed Word Vectors (Word Embeddings)
7. Recurrent Neural Network, Language Model
8. Statistical Machine Translation
9. Statistical Machine Translation, Neural Machine Translation
10. Basic Deep Learning Technique

## BOOKS AND REFERENCES

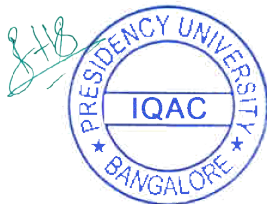
### Books

1. Niladri Sekhar Dash and S. Arulmozi, Features of a Corpus. Singapore: Springer Singapore, 2018, pp. 17–34. isbn: 978-981-10-7458-5. doi: 10.1007/978-981-10-7458-5\_2, url:[https://doi.org/10.1007/978981-10-7458-5\\_2](https://doi.org/10.1007/978981-10-7458-5_2).
2. Ian Goodfellow, Yoshua Bengio, and Aaron Courville, Deep Learning, <http://www.deeplearningbook.org>. MIT Press, 2016.



Ms. Seena Elizabeth Mathew  
**Name & Signature of the Faculty Member**

**Approval by the HOD.**





**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE37		Academic Year :2021-2022			2019-20	
Course Name :		ADVANCED NATURAL LANGUAGE PROCESSING		Semester :3rd,5th,7th			7th	
				Instructor-in-Charge Name :			Ms.Seena Elizabeth Mathew	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		2016CSE207	DIVYA G V	SOE	75%	88	NO	
2		2016CSE208	VIJAY TEJA REDDY A L	SOE	75%	87	YES	
3		2016CSE210	AJAY SINGH	SOE	75%	86	YES	
4		2016CSE212	MILLAN RAO MANNE PALLE	SOE	75%	90	YES	
5		2016CSE213	CHETAN	SOE	75%	90	YES	
6		2016CSE214	MANALI M JAIN	SOE	75%	90	YES	
7		2016CSE215	SNEHAPRIYA	SOE	75%	90	YES	
8		2016CSE216	ASHWIN U	SOE	75%	89	YES	
9		2016CSE217	DEEPA SARKER	SOE	75%	89	YES	
10		2016CSE218	NISHA V	SOE	75%	89	YES	
11		2016CSE219	DEVANSH MISHRA	SOE	75%	86	YES	
12		2016CSE220	JYOTHI S	SOE	75%	45	NO	
13		2016CSE221	SHREE RAKESH A K	SOE	75%	86	YES	
14		2016CSE223	PAVAN KUMAR H S	SOE	75%	86	YES	
15		2016CSE224	SANIA KHAN	SOE	75%	85	YES	
16		2016CSE225	SEEKSHA JAIN	SOE	75%	89	YES	
17		2016CSE226	ASHWINI S	SOE	75%	89	YES	
18		2016CSE227	SIMRIN NAZ	SOE	75%	89	YES	
19		2016CSE228	SANDEEP K R	SOE	75%	90	YES	
20		2016CSE229	MAYYA SUHAS	SOE	75%	90	YES	
21		2016CSE230	ANKITHA A K	SOE	75%	92	YES	
22		2016CSE231	MOHAMED FARDEEN	SOE	75%	92	YES	
23		2016CSE233	ANUSHA M N	SOE	75%	45	YES	
24		2016CSE235	LALITH KUMAR M	SOE	75%	93	YES	
25		2016CSE238	ABHINAV RAJIV	SOE	75%	93	YES	
26		2016CSE239	ADITHYA JOSHY	SOE	75%	94	YES	
27		2016CSE240	ADITYA NARAYAN SHARMA	SOE	75%	94	YES	
28		2016CSE241	ADITYA MADHAV	SOE	75%	95	YES	
29		2016CSE242	AFREEN ANJUM S	SOE	75%	95	YES	
30		2016CSE243	AKASH NIKHIL CHANDRA HALDER	SOE	75%	90	YES	
31		2016CSE244	ALLU SUNIL KUMAR	SOE	75%	90	YES	
32		2016CSE245	AMANDEEP SINGH	SOE	75%	90	YES	
33		2016CSE246	AMIT KUMAR PRASAD	SOE	75%	92	YES	
34		2016CSE247	ANSHITA DUBEY	SOE	75%	92	YES	
35		2016CSE248	ANUSHA SHARMA A	SOE	75%	92	YES	
36		2016CSE249	AVANIGADDA JAI CHANDRA	SOE	75%	92	YES	
37		2016CSE253	BOPPE DURGA DARSHAN KUMAR	SOE	75%	94	NO	
38		2016CSE254	CHANCHAL KUMARI	SOE	75%	94	YES	
39		2016CSE255	CHILAKALA RAVINDRANATH	SOE	75%	95	NO	
40		2016CSE257	CHIRUMAMILLA PRUDHVI RAJ	SOE	75%	78	NO	
41		2016CSE259	DAKSHANSH GORASIA	SOE	75%	78	YES	
42		2016CSE261	DEEPTI BALAJI	SOE	75%	77	YES	
43		2016CSE263	SIVA NAGA SESHIREDDY DODDA	SOE	75%	79	YES	
44		2016CSE264	DOPPALAPUDI RUSHITHA	SOE	75%	45	YES	
45		2016CSE265	DUVVURU VENKATA PARAMESHWAR	SOE	75%	89	YES	
46		2016CSE266	ELDHOS AJI	SOE	75%	89	NO	
47		2016CSE267	FATHIHA AFREEN	SOE	75%	89	NO	
48		2016CSE270	GOWTHAM VINJAMURI	SOE	75%	90	YES	
49		2016CSE271	SUSMITHA G	SOE	75%	90	YES	
50		2016CSE272	GURRAM DHANUSHSATYASURYA S	SOE	75%	45	YES	
51		2016CSE273	GURRAM SHANMUKHA SAI	SOE	75%	92	YES	
52		2016CSE274	HARSHITHA N	SOE	75%	78	YES	
53		2016CSE275	HIMANSHU SHARMA	SOE	75%	78	YES	
54		2016CSE276	KA PA KISHORE REDDY	SOE	75%	76	YES	
55		2016CSE278	KAKARLA MARY PALLAVI	SOE	75%	76	YES	
56		2016CSE279	KALAVALA DWARAKESH	SOE	75%	70	YES	

Name of Course Instructor 1:

Ms.Seena Elizabeth Mathew

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge





# PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

**Name of the School:** School of Engineering  
**Name of the Department:** Computer Science and Engineering  
**Area of Specialization:** Information security  
**Name of the Faculty Member:** Mr. Mr. Satyam Anand

**Title of the Value Added Course:** Database Programming through SQL&PL-SQL with SQLdeveloper(18c)  
**Course Duration:** [ 30 hours]  
**Course Code:** VACCSE38

## Introduction to the Course:

This course touches all the basic aspects of database querying, starting from database creation, efficient query writing for data retrieval, use of operators and inbuilt functions and database programming through PL-SQL.

## Course Pre-requisites:

1. Knowledge of database
2. Good knowledge of programming
3. Basic knowledge of operating system

## Course Outcomes:

**On successful completion of the course the students shall be able to :**

1. Use MySQL platform
2. Execute basic and advanced database queries
3. Execute procedural SQL codes

Course Content:

1. DDL commands
2. DML commands
3. Operators, Aggregate functions
4. DQL, complex retrieval queries
5. PL-SQL

Name & Signature of the Faculty Member



Approval by the HOD

  
REGISTRAR



**Presidency University, Bengaluru**  
**Value Added Course Marksheet**  
**School of Engineering**

Course Code :		VACCSE38		Academic Year :2021-2022			2019-20	
Course Name :		Database Programming through SQL&PL-SQL with SQLdeveloper(		Semester :3rd,5th,7th			7th	
				Instructor-in-Charge Name :			Mr. Satyam Anand	
				Instructor-in-Charge Employee ID :				
S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1		2016CSE281	SAI BHAVYANTH KANDA	SOE	75%	88	YES	
2		2016CSE283	KARTIKEY DWIVEDI	SOE	75%	75	YES	
3		2016CSE284	KATARMAL HARSH SANJIV	SOE	75%	78	YES	
4		2016CSE285	KATARMAL RUCHA SANDIP	SOE	75%	70	YES	
5		2016CSE286	KATREDDY VENKATA PRANAY KUMAR	SOE	75%	87	YES	
6		2016CSE289	KAVYAS	SOE	75%	72	YES	
7		2016CSE290	KEERTHANAR	SOE	75%	82	YES	
8		2016CSE291	VYKUNTAM KEERTHANA	SOE	75%	85	YES	
9		2016CSE293	KOLAVASI VAISHNAVI	SOE	75%	67	YES	
10		2016CSE294	KONIREDDY SAI JEEVAN REDDY	SOE	75%	84	YES	
11		2016CSE295	KRISHNA THOTTARATH KISHORE	SOE	75%	79	YES	
12		2016CSE296	KURAPATI SAI SRAVAN	SOE	75%	92	YES	
13		2016CSE297	LALITH KUMAR MAZUMDHAR	SOE	75%	23	YES	
14		2016CSE298	LAVA KUMAR REDDYP	SOE	75%	63	YES	
15		2016CSE299	LINGA REDDY MOUNIKA	SOE	75%	51	YES	
16		2016CSE300	MADDALI NAGA VENKATA SAI AKHIL	SOE	75%	76	YES	
17		2016CSE301	MALEMPATI VENKATA SAI RAHUL	SOE	75%	68	YES	
18		2016CSE303	MANDRE ANAND KUMAR	SOE	75%	70	YES	
19		2016CSE305	MISHRA AMARNATH MANOJKUMAR	SOE	75%	53	YES	
20		2016CSE306	SHAIK MOHAMMAD MAAZ	SOE	75%	77	YES	
21		2016CSE307	MOHAMMED SHUJA BAKHTIARM	SOE	75%	85	YES	
22		2016CSE308	MOHAMED ZAHID	SOE	75%	38	YES	
23		2016CSE309	MOPURI MAHENDRA REDDY	SOE	75%	83	YES	
24		2016CSE310	MUHAMMED LAFINM	SOE	75%	37	YES	
25		2016CSE311	MUKESH KUMAR	SOE	75%	82	YES	
26		2016CSE312	MUTUKUNDU YASWANTH REDDY	SOE	75%	66	YES	
27		2016CSE313	NAGIREDDY RAVI TEJA REDDY	SOE	75%	77	YES	
28		2016CSE314	NALLURI VENKAT PRANEETH	SOE	75%	80	YES	
29		2016CSE315	NAMBURI VENKATA CHARVI	SOE	75%	76	YES	
30		2016CSE316	NANDIMANDALAM HEMANTH	SOE	75%	90	YES	
31		2016CSE317	NERELLA VAMSI KRISHNA	SOE	75%	81	YES	
32		2016CSE319	NIHAL SATHIAPAL	SOE	75%	72	YES	
33		2016CSE320	NITHASH UTHAMAN	SOE	75%	83	YES	
34		2016CSE323	PANDETI MURALI GURU MANIDEEP	SOE	75%	65	YES	
35		2016CSE324	PANDEY SHASWATSHANTANU SHAS	SOE	75%	52	YES	
36		2016CSE326	PATTAN WAZID KHAN	SOE	75%	66	YES	
37		2016CSE327	SANKALP PONDURI	SOE	75%	27	NO	
38		2016CSE328	POOJA VAISHNAV	SOE	75%	69	YES	
39		2016CSE330	PRATHIPATI HARIKA PRIYA	SOE	75%	76	YES	
40		2016CSE331	PRITHIVIRAJ M WARRIOR	SOE	75%	12	NO	
41		2016CSE333	RAGI SIVAREDDY	SOE	75%	70	YES	
42		2016CSE334	RAHUL MADHARIYA	SOE	75%	69	YES	
43		2016CSE335	RAJ MEHTA	SOE	75%	36	YES	
44		2016CSE338	RISHAV SHARMA	SOE	75%	78	YES	
45		2016CSE339	RISHIKA VARSHIINI RAO	SOE	75%	73	YES	
46		2016CSE340	DUDEKULA RIZWAN	SOE	75%	76	YES	
47		2016CSE342	SALMAN RAHMAN	SOE	75%	25	NO	
48		2016CSE343	GADIVEMULA SHAIK SAMEER BASHA	SOE	75%	80	YES	
49		2016CSE347	SARVESH	SOE	75%	35	YES	
50		2016CSE348	SHAIK IMDAD	SOE	75%	64	YES	
51		2016CSE349	SHAIK MASTAN	SOE	75%	92	YES	
52		2016CSE350	SHAIK NAWAZ SHARIF	SOE	75%	82	YES	
53		2016CSE351	SHAIK SHARUKH AHAMED	SOE	75%	88	YES	
54		2016CSE352	SHAIK WASEEM AKRAM	SOE	75%	87	YES	
55		2016CSE353	SHANTANU SUDHAKAR SHINDE	SOE	75%	76	YES	
56		2016CSE354	SHASHANK KUMAR	SOE	75%	74	YES	
57		2016CSE355	SHRADDHA PRASAD	SOE	75%	86	NO	
75								

Name of Course Instructor 1:

Mr. Satyam Anand

Employee ID of Course Instructor 1:

HOD\_CSE

Signature of Instructor-in-Charge

